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UNIVERSITY OF TORONTO

REPORT OF THE

BOARD OF GOVERNORS

FOR THE

YEAR ENDING 30th JUNE

1912

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THE LEGISLATIVE ASSEMBLY OF ONTARIO

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BOARD OF GOVERNORS

FOR THE YEAR ENDING 30th JUNE 1912.

To His Honour the Lieutenant-Governor-in-Council:—

The Governors of the University of Toronto have the honour to submit their sixth annual report. Accompanying it is the report of the President upon the academic work of the University and its Colleges during the Session 1911-12; and the usual detailed statement of the receipts and expenditures of the Governors for the fiscal year ended 30th June, 1912, which has been duly audited as required by Statute.

During the year negotiations were concluded for the renewal, for 21 years from 1st July, 1912, of the lease of Lot No. 30 University Park, upon the same terms as were settled for the renewal of the lease of Lot No. 29 in the previous year. The ground rent secured by this renewal represents an increase of $700 per annum over the ground rent of the last 42 years.

An arrangement was also concluded with the Honourable the Minister of Public Works, whereby the lease of Lot. No. 19, held by the Estate of the late Donald Mackay, was taken over by the Department for the use of certain branches of the public service. A renewal lease of this lot was given by the Governors for the next 21 years, the lease of the adjoining Lot No. 18, fronting on College Street, being at the same time surrendered to them; and this latter property is now available for University purposes in the future.

Owing to the necessity for providing funds for capital expenditures authorised by Your Honour in Council the Governors decided to place upon the market for sale the remainder of the old Upper Canada College block, and sales aggregating nearly $150,000 were made during the year at favorable prices. Since June last a further portion has been sold for $75,000, leaving one parcel yet to be disposed of.

The Pathological building was ready for occupation during the winter, and the Departments of Pathology and Bacteriology and Pathological Chemistry are now installed in it. The removal of these departments from the Medical building

has enabled the Board to re-arrange the space available in the latter for the better accommodation of Bio-Chemistry and Physiology and the Departments in the Faculty of Medicine.

Progress continues to be made upon the building for the Royal Ontario Museum and it is expected that the present structure will be completed in time for a formal opening next summer.

The revenue for the year was $863,557. The deduction of interest on special trust funds, etc., $8,963, leaves the net revenue $854,594, as against $836,039 in 1910-11. The expenditure under the appropriations for the year for salaries and maintenance was $875,849, being in gross an excess over the expenditure of the previous year of $98,039. The interest and sinking fund charges on capital expenditures for buildings, etc., amounted to $54,131, as against $36,122 in 1910-11, an increase of $18,000. The operation of the Central Power Plant in its first year entailed an expenditure of $48,368, a sum considerably in excess of the Board's expectations, due partly to the unfinished condition of the plant, the extremely severe winter and the difficulty of obtaining satisfactory coal. This represents in actual disbursement an increase over the cost of separately heating and lighting the buildings in the previous year of about $16,000; but it must be borne in mind that the Central Plant last year supplied (in part, at any rate) the new Household Science building and the new Museum, no charge for heating which buildings appears in the accounts of the previous year, and also Victoria and Wycliffe Colleges. In the receipts of the year there is credited as received or to be received as shares of operating costs the sum of $11,737; and while Victoria's and Wycliffe's proportions are subject to adjustment and cannot, therefore, be stated exactly, the total is believed to be sufficiently accurate, and offsets the gross expenditure to that extent. The Governors believe they are justified in expressing the opinion that the expected economy in operation will be realized, to a considerable extent at least, during the present year.

There was an increase in the expenditure upon the Residences and Dining Hall of almost $12,000, which is more than met by enhanced receipts.

The item of salaries in the various Faculties and Departments shows an increase of $30,971. Of this $10,573 is for the staff in the Faculty of Education and University Schools, and is largely accounted for by the fact that in the year under review the full twelve months' salaries were paid, whereas in the previous year most of the teachers engaged for the Schools were not paid until September, or a total of ten months for the year. The remainder of the increase in the general salary list is due to the annual increment in the salaries of Professors and others of the teaching staff and to the additions to the staff which it has been found necessary to make as in former years.

Among the other items of expenditure during the year the maintenance of the Pathological building, $3,616, is entirely new; the maintenance of the building for

Household Science is a new charge for part of the year, representing $1,395; and the maintenance of the building for the Faculty of Education and the departmental expenses of that Faculty and its Schools have resulted in an increased charge of upwards of $5,000. The remainder of the total increase of the year is made up of comparatively unimportant additions to the expenses of various departments.

The deficit upon the year's transactions, amounting to $21,255, has been met from the Reserve Fund created, with the approval of Your Honour in Council, from the surplus income of former years.

All of which is respectfully submitted.

B. E. Walker,

Chairman.

Toronto, 30 November, 1912.

PRESIDENT'S REPORT

1911-12

To the Governors of the University of Toronto:—

GENTLEMEN,—I beg to submit the following report on the academic work of the University and University College during the twelve months ended June 30th, 1912.

The total staff of the University of Toronto and University College numbered 383, of whom 51 were professors, 54 associate-professors, 71 lecturers and associates (in Medicine), and 207 demonstrators, fellows and instructors with sessional appointments. They were distributed as follows:

—	Professors.	Associate Professors.	Associates.	Lecturers.	Permanent Demonstrators.	Other Sessional Appointments.
University (Faculty of Arts)	18	15	.....	18	....	72
University College	8	8	.....	8 (2 in Univ.)	....	8
Faculty of Medicine	15	22	9	3	2	76
Faculty of Applied Science	8	5	.....	15 (1 in Univ. Coll.)	....	43
Faculty of Household Science	....	2	.....	1	....	5
Faculty of Forestry	1	....	.....	3 (2 in Univ.)	....	.....
			Chief Instructors.	Assistant Instructors.		
Faculty of Education	1	2	7	10	....	3

In Victoria College there were:

Professors	13
Associate Professors	2
Lecturers	5
Sessional appointments	2

In Trinity College there were:

Professors	8
Lecturers	11
Sessional appointments	1

In St. Michael's College there were:

Professors	7

During the year the University has suffered severely through the death of members of the staff. In October, 1911, Dr. Charles Trow, who had been for eight years associate-professor of Ophthalmology and Otology, died very suddenly, and in November Dr. J. F. W. Ross, professor of Gynæcology, died as the result of an accident. For the previous four years Dr. Ross had been head of the department

and had thrown into it great energy, using his skill and teaching powers for its development and emphasizing the importance of gynæcology in the medical curriculum. As men these professors were held in esteem and their loss is deeply regretted by their colleagues.

I should refer to the death of Mr. A. E. Hamilton, who had served for a time on the staff of University College, but resigned on account of ill-health, to the regret of those who were associated with him.

The following gentlemen retired from active service or resigned their positions:

Professor Henry Montgomery, Curator of the Museum; Dr. C. Sheard, Professor of Preventive Medicine; Dr. F. J. A. Davidson, Associate-Professor of Italian and Spanish; G. D. Robertson, Chief Instructor in Art and Commercial work in the University Schools.

I must make more than passing reference to the retirement of Professor R. Ramsay Wright, Vice-President of the University and Dean of the Faculty of Arts, who has closed his active connection with the University, which he had served with great distinction for thirty-eight years. Coming as a young man to the chair of Biology Dr. Wright with his scientific equipment and teaching ability soon aroused such an interest in that department of science, that not only was the average student interested in this subject, but many others were led to enter upon an academic career which has brought credit to themselves and to this University. In the organization of his own department and in other administrative work, in the Faculty of Arts in particular, Professor Wright showed exceptional abilities in addition to that of a teacher, and his resolve to retire from active duty was acquiesced in with universal regret.

Several of the promising younger members of the staff have severed their connection with the University, most of them to accept better positions elsewhere. From the Faculty of Applied Science this drain is especially heavy, as it is almost impossible for us to offer salaries that will compare with what can be secured in the outside practice of the professions. The rapid development of the country is rendering this condition more acute every year.

Leave of absence during the year was granted to Dr. J. F. McCurdy, who accepted the honour offered him of taking charge of the School of Archaeology in Jerusalem during the winter; Professor Bensley also spent the year in visiting laboratories and universities in Europe, and Professor Tracy, owing to the unsatisfactory state of his health and after a long period of service, was given a year's leave. Mr. Langton found it necessary to ask for relief from his duties on account of the state of his health, the last report of which, I am glad to say, is favourable. Dr. Needler was appointed substitute librarian and arrangements were made for the conduct of so much of his work in German as he was unable to overtake.

The following promotions and new appointments were made during the year:

In the Faculty of Arts, E. F. Burton, B.A., Ph.D., was promoted from a demonstratorship to an associate-professorship in Physics; T. Eakin, M.A., Ph.D., was promoted from a lectureship to an associate-professorship in Oriental Languages; J. J. Bell, B.A. (Oxon.), was appointed Lecturer in History, S. A. Cudmore, B.A., lecturer in Political Science, R. Davidson, B.A., Ph.D., special lecturer in Arabic, G. E. Jackson, B.A. (Cantab.) lecturer in Political Economy, C. A. McRae, B.A., special lecturer in Oriental Languages, J. T. Saunders, B.A. (Cantab.), lecturer in Vertebrate Palæontology, W. R. Taylor, B.A., Ph.D., special lecturer in Oriental Languages, and R. H. Williams, B.A. (Oxon.), lecturer in History.

In the Faculty of Medicine Ernest Jones, M.D., B.S. (Lond.), M.R.C.P., D.P.H., was promoted from an associateship to an associate-professorship in Psychiatry; D. A. Graham, M.B., was appointed lecturer in Bacteriology, and J. C. Watt, B.A., M.B., lecturer in Anatomy.

In the Faculty of Applied Science G. A. Guess, M.A. (Queen's), was appointed Professor of non-ferrous Metallurgy; G. R. Anderson, M.A., was promoted from a lectureship to an associate-professorship in Engineering Physics and Photography, P. Gillespie, B.A.Sc., from a lectureship to an associate-professorship in Applied Mechanics, H. W. Price, B.A.Sc., from a lectureship to an associate-professorship in Electrical Engineering; L. M. Arkley, M.Sc., (McGill), was appointed lecturer in Mechanical Engineering, R. B. Stewart, M.A., lecturer in Mining Engineering and L. B. Taylor, M.E. (Cornell), lecturer in Mechanical Engineering.

In the Faculty of Household Science Miss E. M. Eadie was appointed lecturer in Household Science.

In the Faculty of Education J. W. Cohoon, B.A., and H. V. Pickering, B.A., were appointed assistant instructors in the University Schools.

The following members of the staff delivered courses at Trinity College:

Alfred Baker, M.A., Professor of Mathematics.

J. J. Bell, M.A., Lecturer in History.

S. A. Cudmore, B.A., Lecturer in Political Science.

N. Di Pietro, Litt.D., Instructor in Italian and Spanish.

E. Goggio, B.A., Instructor in Italian.

E. J. Kylie, B.A., Associate Professor of Modern History.

M. A. Mackenzie, M.A., Associate Professor of Mathematics.

James Mavor, Ph.D., Professor of Political Economy.

T. R. Robinson, Ph.D., Lecturer in Philosophy.

J. T. Saunders, B.A., Lecturer in Vertebrate Embryology.

W. S. Wallace, B.A., Instructor in History.

R. H. Williams, B.A., Lecturer in History.

G. M. Wrong, M.A., Professor of Modern History.

The total number of students registered as being in attendance at the University in 1911-12 was 4,136, distributed as follows:

Faculty of Arts	2352
Faculty of Medicine	519
Faculty of Applied Science (5 in Arts)	798
Faculty of Household Science	134
Faculty of Education	305
Faculty of Forestry (7 in Arts)	40

The figures may be further analyzed as follows:

Faculty of Arts.

University of Toronto.

Candidates for Ph.D.	28	
Candidates for M.A.	87	
Occasional Arts Students	29	
Dental Students	60	
In the Teachers' Course	11	
In the Summer Session	99	
Veterinary Students	172	
		486

University College.

First Year Undergraduates	349	
Second Year Undergraduates	271	
Third Year Undergraduates	211	
Fourth Year Undergraduates	177	
Occasional Students	98	
		1106

Victoria College.

First Year Undergraduates	156	
Second Year Undergraduates	101	
Third Year Undergraduates	98	
Fourth Year Undergraduates	77	
Occasional Students	82	
		514

Trinity College.

First Year Undergraduates	53	
Second Year Undergraduates	39	
Third Year Undergraduates	28	
Fourth Year Undergraduates	27	
Occasional Students	16	
		163

St. Michael's College.

First Year Undergraduates	49	
Second Year Undergraduates	13	
Third Year Undergraduates	11	
Fourth Year Undergraduates	9	
Occasional Students	1	
		83

Faculty of Medicine.

First Year Undergraduates	142	
Second Year Undergraduates	116	
Third Year Undergraduates	131	
Fourth Year Undergraduates	79	
Dental Students	49	
Occasional Students	2	
		519

Faculty of Applied Science.

First Year Undergraduates	265	
Second Year Undergraduates	218	
Third Year Undergraduates	145	
Fourth Year Undergraduates	165	
Arts Students	5	
		798

Faculty of Household Science.

Normal Students	24	
Department of Education Students	36	
Occasionals	74	
		134

Faculty of Education.

Students registered	305

Faculty of Forestry.

First Year Undergraduates	4
Second Year Undergraduates	1
Third Year Undergraduates	12
Fourth Year Undergraduates	12
Occasional Students	4

Forestry and Arts.

First Year Undergraduates	2	
Second Year Undergraduates	3	
Third Year Undergraduates	1	
Fifth Year Undergraduates	1	
		40

Of the 4,136 students, 3,084 were men, and 1,052 were women. The women students were distributed as follows:

Candidates for Ph.D.	2
Candidates for M.A.	12
Occasional students	21

Summer Session	61	
University College	382	
Victoria College	166	
Trinity College	66	
St. Michael's College	8	
Faculty of Medicine	15	
Faculty of Household Science	134	
Faculty of Education	179	
Teachers' Courses	6	
		1052

The numbers examined in the different departments of the University were as follows:—

Ph.D.	2	
M.A.	44	
Arts:		
Fourth Year	317	
Third Year	417	
Second Year	618	
First Year	665	
Senior Matriculation	237	
		2254
Medicine:		
Fourth Year	100	
Third Year	130	
Second Year	103	
First Year	115	
		448
Applied Science:		
Professional Degree	1	
Fourth Year	163	
Third Year	141	
Second Year	209	
First Year	247	
		761
Education		291
Forestry		40
Household Science		25
Law		41
Pedagogy		4
Pharmacy		35
Music		14
Dentistry		127
Agriculture		52
Local Examinations in Music		710
Veterinary Science		24

The degrees conferred were:—

LL.D.	3
Ph.D.	3
M.A.	39
LL.B.	13
M.B.	29
B.A.	264
M.E.	1
B.A.Sc.	128
D.D.S.	43
B.S.A.	44
B.Sc.F.	9
Phm.B.	34
B.V.S.	18
Mus.Bac.	1
	629

A series of lectures arranged with the co-operation of the University of Toronto, the City Council, the Civic Guild, the Board of Trade and the Play Grounds Association, was delivered by Mr. T. H. Mawson, Professor of Landscape Architecture in the University of Liverpool, on "Civic Art and City Planning."

Lectures were also delivered by Professor Hadamard, of the Faculty of Sciences, Paris, on "The Psychology of the Mathematician"; by Mr. F. H. Newell, Director of the United States Reclamation Service, on "Irrigation and Reclamation in the West of the United States and Canada"; by Professor Le Braz, of the University of Rennes, on "La Bretagne."

The course of Saturday Lectures, arranged as in former years by Professor Mavor, was as follows:

Professor H. C. Perrin,
"Shakespeare and Music."
Professor G. I. H. Lloyd,
"Recent Labor Disputes in England."
Dr. Edward Sapir,
"A Study of the Natives of Canada."
Professor J. C. Robertson,
"Delphi and Olympia."
Professor James Cappon,
"Modern Developments in Poetry."
Professor J. C. McLennan,
"Recent Advances in Physics."
Mr. W. S. Jackson, B.A.,
"Mountaineering."

The proposal to raise the standard of matriculation, which was brought forward in my last report, has received much consideration during the year. It was referred by the Senate to the faculties of the University, and was brought to the attention of the other Universities of the Province and discussed at the High School Section of the Ontario Educational Association. Within the University there has been diversity of opinion as to the feasibility of the suggestion, but each

of the faculties reported in favour of the principle. The High School teachers by a large majority accepted a resolution approving of the scheme, but the other universities have not yet formally expressed an opinion upon it in the joint Conference on Matriculation. That there are difficulties in the way of the immediate introduction of a standard equivalent to that of entrance into the second year in Arts, and that the universities and schools will still have to consider the matter before coming to a decision, may be admitted at once. The more thorough the discussion, however, to which the proposal has been submitted during the year, the more has the conviction been strengthened that to carry it into effect very soon, will be of advantage both to the University and to the school system of the Province.

The most serious objection to the proposal arises from the fear that the raising of the standard will make it more difficult for the student from a section of the country in which there is no high school equipped for the work required, to start upon his university career. It is altogether probable that some of the smaller high schools and the continuation schools would not be able to prepare all the work for such a standard of entrance, but they could still do the work that they are doing, and a leaving certificate might be instituted which would be accepted for entrance into the higher grade of school in which the advanced work would be taught, and that leaving certificate would still qualify for certain professional or other courses in the university or its affiliated colleges. The path of the student from these smaller schools to the university would be less arduous than at present, for he would, for the year following on his first leaving examination in his home school, go to a school nearer home than the university city, where also the expense would be less, and he would have the advantage of more personal oversight at the critical period of leaving home than is possible in the large centres. If he were imperfectly prepared, he would either be held back from or better fitted for the university work, before entering upon it. Every autumn there is the same story, students with a bare minimum of attainment, or very young, pressing forward often at the instance of their parents, but against the advice of the teacher or the university, and every spring the repeated disappointment of failure on the part of the ill-equipped. It is only just for the University to lessen these risks as far as they may be due to imperfect preparation.

The introduction of the higher standard would not necessarily mean that all the subjects of the first year in Arts would be required for any one faculty, nor would there be, any more than now, uniformity of entrance into all the faculties. Working on the basis already required for matriculation, those subjects would be chosen which each faculty would regard as the best preparation for its own work. In Arts, if the pass work of the present first year were required, the ordinary degree would be obtained in three years, as now is the case in Britain, so that the actual length of the course including school would not be increased. For Medicine subjects would doubtless be set which would not only demand good attainment in general education, but such specific training as would send the student into the first year able to profit more from his course. In Applied Science the matriculation for this year has included honour mathematics. The addition of honour English and an honour modern language would obviously prepare for subsequent studies which are now on the curriculum.

The fear which has been expressed that the schools would be unable to do the work is not sustained by the resolution of the High School teachers last April, nor by the results of the June matriculation, the standard of which had been in the judgment of some placed too high. The University of Toronto, at least, seems

not to have suffered unduly, except in the Faculty of Applied Science, as regards the number of those seeking entrance in the autumn of 1912, and if the schools can send up successful candidates for the standard which was set for June, 1912, they will not find it a severe strain to prepare for Senior Matriculation.

During the year much attention was given by the Council of the Faculty of Arts to the curriculum into which certain changes were introduced, the most important being the requirement from those who wish to take honours, of work of an honour standard in two or three subjects at matriculation. This will mean on the one hand better students in honours and a higher class of work; on the other hand, a more satisfactory academic course for those who only with the greatest difficulty could keep up with their better prepared comrades. The main task now lying before the Arts Council in respect of the curriculum, is to reduce the number of subjects required in the General Course, to make the work less extensive and more intensive. The condition laid down by the Faculty as to laboratory work in the science subjects, in itself fully justifiable, has placed a heavy burden upon some departments, and complaints are repeated as to the bad effect of the large classes upon the work. This only emphasizes once more the necessity of increasing the staff in order to deal with students in smaller groups.

In the Faculty of Medicine the most important development during the year was the transference in January of the Departments of Pathology and Pathological Chemistry to the new building on the grounds of the General Hospital. The laboratories are in themselves excellent, their relation to the Hospital wards is almost unique on this continent, but the full extent of the advantage they afford will not be felt until the Hospital is finished. The close connection between the hospital and the university has during the year been cemented by the work of the new Superintendent, Dr. C. K. Clarke, who is also Dean of the Faculty of Medicine.

In this Faculty, as also in other faculties, there is a serious lack of scholarships and fellowships with which to encourage laboratory investigation and advanced work on the part of students who are willing to devote themselves, if only for a few years, to the pursuit of scientific medicine. One Fellowship, however, was instituted during the past year by Mrs. William Freeland, in memory of her father, the late Dr. James Henry Richardson, to be known as the James H. Richardson Research Fellowship in Anatomy. The fellowship is of the annual value of five hundred dollars, and is open to graduates and undergraduates who have completed the third year of the course in medicine, and the holder of the fellowship shall devote his entire time to investigation in anatomy under the direction of the Professor of Anatomy.

During the session a committee of the Faculty of Medicine looked carefully into the status of the Department of Gynæcology, and after considering the information that was received from various hospitals and medical schools in Great Britain and America, the Committee recommended to the Faculty of Medicine that the Departments of Gynæcology and Obstetrics should be united under one head. This recommendation was adopted by the Faculty and will be brought into effect at the opening of the session 1912-13. From the statistics it appears that Gynæcology exists as a distinct department in a large number of hospitals in Britain, Canada, and the United States. In Great Britain it is much more frequently associated with Obstetrics than in America. It would seem, therefore, that the recommendation of the Faculty is in line with the practice of the best medical schools of the Old Country.

In January the Faculty of Applied Science was greatly strengthened by the

establishment of a department of non-ferrous metallurgy and the appointment of Professor George A. Guess as its head. Mr. Guess is a graduate of Queen's University and has had wide practical experience in metallurgical processes in different parts of this continent. It is hoped that under Mr. Guess the University will provide students who will serve in the development of our immense mineral resources.

The Department of Photography, under Professor Anderson, has justified its extension by the large amount of work executed promptly for the different departments at a cost below the ordinary commercial rates.

I must draw attention to the report of Dean Galbraith in which he again refers to the serious condition of the old Engineering Building and the general pressure, increasing every year with the larger classes, upon the available space. Students and staff bring their complaints to him, and, if the present rate of growth should continue, there must be either an increase of staff or an increase of space. For Electrical Engineering the necessity of new space is so urgent that expansion cannot be long delayed without grave dissatisfaction arising. From Applied Mechanics, in the same building, comes the same report, and again, as often before, the Department of Applied Chemistry asks for a laboratory for industrial chemistry, as well as more accommodation for the new course in Sanitary Engineering.

The demand for more space is at present, perhaps, loudest from the departments which are housed in the Main Building, in which small rooms are made to serve several members of the staff, who, besides, need to teach groups of students in them. The number of class-rooms is insufficient, and the ventilation is only slightly improved by the devices by which the Superintendent has endeavored to relieve the situation. An extension to the main building is urgently required. Last year I referred to the pressure on the Departments of Botany and Anatomy, and it has not been lessened in the interval. To meet these requirements of space with the present income at the disposal of the University is, of course, impossible, but the healthy growth of the institution, in spite of the raising of the standards, is a sign that further means must be secured for expansion in buildings as well as in staff.

To the disappointment of Mrs. Treble and of the department, the Household Science Building was not ready for more than very partial occupation during last session, and its advantages have not yet been realized. The indications are that there will be such an increase in the number of regular students working for a degree, that the step which was taken to discontinue the Normal Course will be seen to have been altogether justifiable.

In my last report I referred to the successful operation of the University Schools during their first year. In the year which has just closed the attendance rose to 445, which taxes the present capacity of the buildings. The attendance is a proof that already they are giving satisfaction to parents, and further evidence of their character is afforded by the large number of candidates who were successful in the Junior Matriculation of 1912. Again, the most urgent request at present is for a gymnasium and a playing field, the arrangements which have been made for physical exercise being only a makeshift.

At the opening of each session those responsible for the work of the Faculty of Education are compelled to consider the difficulty that the students of this Faculty have in securing proper boarding accommodation within the city. A very large proportion of these students come from homes outside of Toronto and are to be in the city for only one year. A residence for the women students of this Faculty would, I feel confident, supply a most valuable addition to the Faculty of Education, not only in providing a comfortable home for these students, but in further-

ing the social life in a way that is greatly needed by those who are as teachers to influence the youth of this Province.

Dr. Needler's report on the Library shows that there has been a steady increase in the use of the library by the students, but that the work on the subject catalogue, which is essential if the library is to be used to the best advantage, has proceeded very slowly. Unfortunately the amount of money placed at the disposal of the Library Committee for the purchase of books is far short of what is necessary if the departments are to be kept abreast of the progress of knowledge, especially in the sciences, the most recent results of which are to be found in the many journals devoted to their interests.

The delay in the completion of the building for the Museum has occasioned great inconvenience to the Director of the Archæological Museum during the past winter. Mr. Currelly has prepared much of his material for exhibition and has had cases constructed for its display. When the Museum is opened the public will be surprised to discover the richness and variety of the archæological material of which the Museum is in possession. Arrangements have been made for the transference of the Geological and Mineralogical Museum to the new building before the opening of the ensuing session.

The athletic activities of the University were greatly furthered by the new field, on which a series of very successful football matches was played and other games conducted, the accommodation afforded by the stands proving highly satisfactory. Again I must commend the spirit which pervades this department of our university life.

The success of the Dining Hall under the management of Miss Ryley has continued, as may be judged from the fact that an increased number of meals was served throughout the year, and as far as I have heard to the complete satisfaction of the students who use the Hall regularly.

The conversion of No. 85 St. George Street into a Residence for Junior members of the staff has afforded a comfortable home at reasonable rates, and has met a want in the academic life of the University.

The new house added to Queen's Hall has proved to be commodious, and the two buildings were well filled throughout the year.

In my last report I submitted a comparison of the University of Toronto with a number of the leading American Universities, chiefly State institutions, in respect of attendance and expenditure. From these statistics it was evident that none of the large universities is carrying on its work on such a small income as the University of Toronto, and that the cost per capita of the students is lower in Toronto than in any of these Universities. In pursuance of the subject I herewith submit figures taken from the most recent reports issued by the English Board of Education relative to several of the newer English Universities.

In order to make comparison I have found it necessary to count only the matriculated students in attendance on classes in the University of Toronto, omitting several hundreds who are getting occasional instruction, and the full time students of the English Universities, omitting evening or partial students. The comparison thus is not made on absolutely identical bases, but I think that it is approximately correct.

TABLE I.

University.	Full Time Students.	Expenditure exclusive of capital charges on buildings.	Cost per Student (approximately).
Birmingham	865	£64,062	£74 = $359
Bristol	535	36,002	67 = 325
Leeds	660	53,267	80 = 389
Liverpool	919	72,604	79 = 384
Manchester (including Municipal School of Technology)	1,642	122,523	75 = 364
Sheffield	354	42,905	121 = 588
University College, London	907	56,120	62 = 300
Toronto	3,320	$754,580 (Exclusive of capital charges, dining hall, residences and proportion of University schools).	227

If $75,000 be added to represent the additional cost of collegiate Arts work in Victoria and Trinity, the total cost of educating the Toronto undergraduate would be about $250.

Attention should be called to the difference between this per capita rate and that given in my past report. In estimating that rate only Summer Session students were excluded, and in addition to the capital charges, the expenditure on extension work was omitted in order that the comparison with the American Universities might be made as accurate as possible. An absolute charge per student can not be given. Such a comparison is of value only where the factors taken into account are as alike as possible.

The same general result is arrived at as in the case of the American Universities submitted last year. The relative total expenditure is much smaller and the cost of the education of the full time student is also less in Toronto than in the English Provincial universities.

TABLE II.

University.	Grants from local authorities.	Percentage of revenue from fees.	Percentage of expenditure on salaries.
Birmingham	£10,550 = $51,270	31	57
Bristol	6,100 = 29,650	25	57
Leeds	16,460 = 80,000	23	62
Liverpool	11,800 = 57,350	28	59
*Manchester	26,000 = 126,500	27	53
Sheffield	12,100 = 58,800	22	63
University College, London	.....	45	66
Toronto	.....	29 (Exclusive of University schools, residence and dining hall).	58

*This includes the maintenance of the Municipal School of Technology, which serves as a Faculty of Applied Science in the University.

The foregoing table affords an interesting comparison. As a source of revenue the fees in Toronto yield in nearly the same proportion of the total income as in these English Universities, so that it is doubtful whether in the future they can be increased to afford a substantial addition to the revenue. At present the scale of fees in Medicine is about the same in Toronto as in the Universities under consideration; in Applied Science the differences are not great; but in Arts and the pure sciences the advantage is in favour of the Toronto student. The most striking similarity, however, occurs in the percentages of the expenditure upon the salaries of the staff, from which it is a fair inference that there is not an undue outlay upon our maintenance and equipment, to the injury of the personal side, which is, of course, the most important part of the University. These figures, however, say nothing as to whether the absolute amount devoted to salaries is sufficient, or in other words as to whether we are under or over-staffed.

A serious difference on the other hand between these Universities and Toronto is found in the item of over $54,000, which was a first charge on our last year's revenue to meet the interest on capital spent in the erection of buildings. In Britain, as in the United States, the buildings are provided for from special endowment or State grants, whereas in Toronto the new buildings are to be paid for during the next forty years out of current revenue. This annual first charge is a heavy drain on the ordinary university maintenance for which the income is at present insufficient.

The buildings in these newer universities are as a rule substantial and the laboratories well-equipped, but they are larger than most of ours, fewer in number and occupy much smaller sites. On this continent the general policy of universities has been to secure as spacious grounds as possible, and to separate the laboratories in different buildings of smaller size and less expensive structure. It can hardly be doubted that the larger spaces with distributed buildings are an advantage to the life of the university and of the city.

Attention must be drawn to the column of grants from local authorities or municipalities. The local university has become a source of pride to these large and enlightened cities, world-famous for their civic spirit, economy of administration and effective results. The citizens of Brimingham, Manchester, Leeds, Liverpool, Sheffield believe that in their universities they have a splendid municipal asset, and they translate their belief into practical help. They have realized that industrial supremacy is based upon education. They have learned, late it may be but soundly, that Britain's trade rivals can only be met by thoroughly trained intelligence; that the happiness of a people is greatly contingent upon health and the educated mind; and that in schools of arts, medicine, and science men and women are prepared in the best way to hold their own in an age when intelligence is a power that it never was before.

The City of Toronto may reasonably be expected to follow such good examples and show by a substantial annual grant its appreciation of what the university contributes to its life. It is true that the Province supports this university, but Toronto reaps advantages from the University much greater than any other section of the province, and the support which it gives in the way of freedom from taxation is far more than met by the money annually spent in the city by the University and its students, the use of its grounds by the public, and the indirect returns that cannot be translated into money revenue.

All of which is respectfully submitted,

R. A. Falconer,
President.

October 10th, 1912.

APPENDIX A.

(1) Report of the Principal of University College.
(2) Report of the Dean of the Faculty of Medicine.
(3) Report of the Dean of the Faculty of Applied Science.
(4) Report of the Dean of the Faculty of Forestry.
(5) Report of the Dean of the Faculty of Education.
(6) Report of the Acting Librarian.
(7) Reports from Biological Stations.
(8) Statement regarding the Biological Museum.
(9) Statement regarding the Geological Museum.
(10) Statement regarding the Mineralogical Museum.
(11) Report on University Extension Work.
(12) Report of the Physical Director.
(13) Report of the Superintent of the Dining Hall.

(1) Report of the Principal of University College. (Professor Hutton.)

The year has been uneventful and, therefore, perhaps, under our present circumstances, satisfactory.

We have been unable to fill Mr. Tackaberry's place, and the Latin classes are still badly congested. The Professor of Latin spends the greater part of the day and night in conducting Latin Prose Lectures or in reading the exercises thereof; a remedy must be found in a new appointment before next session.

The only other subject presenting serious difficulties is German. The country still sends up large numbers of students without German, who on entrance find that the courses they prefer require German. The University School comes to the rescue with classes in elementary German, and the benefit thence derived is considerable, but a better remedy would be found in a more general study of German in the High Schools. Such a change might involve the entrance of pupils into the High Schools at an earlier age. This is on other grounds, besides the question of German, essential to the true efficiency of the High Schools in the matter of language training, and the sooner the entrance requirements are altered to admit of this early training in languages, the better for the schools and the university.

The ventilation problem continues, and in a hard and long winter like the present becomes acute. Rooms such as 27 and 33, to name only two out of a large number, are often quite unfit for use, and yet are in demand for want of other space.

The College has suffered the loss by death of another of its instructors. Mr. A. E. Hamilton of the Department of French was buried on March 28th. He was emphatically a student and scholar. He possessed even—that rare gift in this country—hereditary culture, and thereby was doubly qualified to distinguish himself and his department, had his health been good. Withal he was a conscientious and blameless spirit.

(2) Report of the Dean of the Faculty of Medicine. (Dr. C. K. Clarke.)

The work of this session has not differed in many respects from that of previous years, although as the five years' course develops new problems have to be faced.

As might be supposed, the best methods of working out a satisfactory timetable for the different years have not yet been arrived at, and at times there has been some confusion.

Nearly all the teachers are agreed that with the opening of the new Hospital will come an opportunity to greatly increase the quality of the instruction, and the tendency to substitute practice for excess of theory is illustrated by the endeavour to do away with much of the purely didactic teaching, particularly in the final years. No doubt the chief aim of a Provincial University will always be to equip its students to go out into the world to practise medicine. That aim has been lived up to pretty faithfully in the University of Toronto, but the time has now come to make further strides, and we must strive to do more for the science of medicine.

With the development of a splendid Pathological Department, with its multitude of laboratories, a modern hospital with every facility for research, surely we must look forward to an era when the original investigator will have his chance. Possibly the University is not in a position to do this for us; if so, we must urge the large hearted men in our midst to loosen their purse strings, and make possible what is so much needed.

Without in any way desiring to criticize the younger men in our Faculty, or, for that matter, some of the older members of the staff, it is not going too far to say that we cannot expect physicians, who have their daily bread to earn, as well as their university work to carry on, to devote much time to research. What is required is a staff of brilliant young investigators who will be paid salaries large enough to enable them to carry on research work without interruptions caused by the necessity of doing practice to "keep the pot boiling." The Chair of Medicine in particular should be so amply endowed that the occupant might devote the greater part of his time to university work such as teaching and the direction of investigation by the workers referred to.

It is hoped that the new General Hospital will be ready for occupation by the first of October, 1912, or, at the latest, in the early part of the session. The Out-Patient Department will furnish the student opportunity for practical work, never before possible in Toronto, and its organization will be such, that excellent results are looked for.

During the session Professor J. F. W. Ross and Professor Charles Trow died. Professor Ross was one of the most prominent members of the Faculty, and his loss will be felt for some time to come, as his experience, ability, energy, and enthusiasm made him an important factor in the affairs of the University.

Professor Trow, in his department, was regarded as an admirable teacher and safe adviser. His death is greatly regretted by his many warm friends in the Faculty.

(3) Extract from the Report of the Dean of the Faculty of Applied Science. (Dr. Galbraith.)

The following list gives the attendance per session since 1906:

1906-7	621
1907-8	720
1908-9	754
1909-10	725
1910-11	770
1911-12	793

A reasonable estimate for 1912-13 is 810.

The pressure on the available space is growing stronger every year and both staff and students are beginning to complain. The members of the staff should be instructed to prepare their new space requirements for the use of the architect. The possible extensions of buildings are the following:

1. The west front of the Thermodynamics building.

2. The northern extension of the west wing of the Chemistry and Mining building for chemical laboratories, etc.

3. The construction of an east wing for Metallurgy (ferrous and non-ferrous) and Ceramics.

4. The construction of a new building to replace the Engineering building, which is now overcrowded.

5. There will apparently be no opportunity next session of utiliznig for other purposes the museum room in the east end of the Chemistry and Mining building. When the collection is removed another floor should be constructed. About 7,000 or 8,000 square feet of floor space would then be rendered available. The proper distribution of all new building space should be discussed by the members of the staff interested. As this will take time and probably occupy a good part of next session a beginning should be made as soon as possible.

Another question which might profitably be submitted to the teaching staff is that of arranging a time-table which will allow of lectures and laboratory work being carried on both morning and afternoon as against the present practice of lectures in the morning and practical work in the afternoon. If this can be successfully accomplished it would solve to some extent the problem of space requirements. On the other hand it would probably require an increase in the teaching staff.

The question of simplifying the curriculum is one which probably may better be deferred until after next session, as by that time we shall have had practical experience in each of the years of the new four years' course. The only exception which might properly be taken to this delay is in the department of Mining Engineering in which the four years of the new course have already been substantially covered. This course certainly needs revision and change.

(4) Report of the Dean of the Faculty of Forestry. (Dr. B. E. Fernow.)

At the beginning of the session the number of students registered was 47. During the session, for various reasons, 7 students withdrew, leaving at the end of the session 40, a slightly smaller number than the previous year.

The first large class graduated this year, and it is gratifying to note that of the 12 entering for the degree, five secured the degree with honours (80 per cent. and more); three had their degree deferred; the rest secured second class honours (over 60 per cent.).

The falling off in numbers entering during the last two years may be accounted for by the raising of the standard of entrance. This is, however, not to be regretted, since employment for a large number of graduates would, as yet, not be easily found. Meanwhile, all the graduates, even those who did not quite fulfill the conditions for graduation, have found ready, permanent and lucrative employment elsewhere, namely eleven with the Federal Forestry Branch, and one with the Canadian Pacific Railroad Company. The majority of the other students have found summer employment with the same employers, and a few are engaged with the Commission of Conservation on a survey of the Trent watershed in Ontario.

As in former years, the members of the fourth year class spent their Christmas

vacation in lumber camps for the purpose of studying logging operations. Thanks are due to the Companies for the courtesy of opening their camps for such studies.

The need of employers, especially the Forestry Branch, of securing men for early spring work has necessitated the closing of the session by the first of May. As a consequence, the usual spring camp practice had to be abandoned or transferred to the fall. The students entering the fourth year will in future go to camp for practice work for the first four weeks at the beginning of the session. This arrangement has some advantage in that the season is more stable and better suited for field work; at the same time it curtails the academic session disadvantageously.

A permanent camp under the control of the Faculty, properly equipped to carry on instruction, is one of the greatest needs for making this Faculty efficient. At present we are dependent upon the courtesy of lumber companies for the use of their camps, and such accommodation is not easily found, nor of the most satisfactory character.

Accommodations in the temporary building provided for joint use of this Faculty and the Department of Botany, are also unsatisfactory; especially laboratory space which must be shared with Botany classes is entirely inadequate. Altogether, after the first quinquennium of its existence, it cannot be said that the Faculty has reached a permanent form.

In this connection I desire to express my gratification at the spirit which actuates the student body and which finds active expression in the meetings of the Foresters' Club, where useful discussion on technical subjects and exhibitions of practical woods work develop a spirit of co-operation.

During the winter two short lecture courses were given in addition to the regular curriculum, namely one in First Aid by Dr. Watts of the St. John Ambulance Association, and one on Diseases of Trees by Dr. H. von Schrenk, the noted plant pathologist. A number of addresses by members of the Forestry Branch at Ottawa also contributed to widening the horizon of the students.

(5) Report of the Dean of the Faculty of Education. (Dr. Pakenham.)

I am enclosing herewith statistical information indicating under appropriate headings the number and the character of the enrollment in the Faculty of Education during the present year, and dealing in a general way with the results of the recent final examinations.

These statistics show an increase over last year of forty-three in the total enrollment in the different courses. The increase over last year in the number taking the examinations is fifty-four. There has been also a slight proportionate increase in the number of graduates and in the number of male students enrolled. This increased enrollment, operating in conjunction with certain changes in the distribution of the practice-teaching lessons, has made necessary the use for practice-teaching purposes (under the agreement at present existing between the University and the Board of Education of the City of Toronto) of a number of rooms in the Jarvis Street Collegiate Institute.

During the present year the following members of the staff of the Faculty of Education and The University Schools have resigned to engage in work elsewhere: Mr. G. D. Robertson, B.A., Mr. J. W. Cohoon, B.A., and Mr. H. V. Pickering, M.A. The following men have been appointed to fill certain of the vacancies just indicated and to bring the number of the staff up to the requirements of a continually increasing enrollment: Mr. D. E. Hamilton, B.A., Mr. S. W. Perry, B.A., Mr. G.

A. Cline, M.A. and Mr. W. L. C. Richardson. The vacancy in the University Schools made by the resignation of Mr. H. V. Pickering, B.A., is at the present date (June 12th) unfilled.

The average enrollment in The University Schools during the present year has been 430. This is an increase of some fifty students over last year and indicates the utmost limits of the seating accommodation in the class-rooms at present at the disposal of the Schools. The large and growing waiting-list indicates a gratifying continuance of the confidence of the public in the efficiency of these Schools.

A need to which reference has been made in former reports is that of a gymnasium. The provision of a suitable building of this sort would not only contribute materially to the health of the seven hundred or more students who are housed in the Faculty of Education building and who at present have only inadequate opportunities for physical exercise, but would also provide much needed facilities for the formal instruction in Physical Training.

(6) Report of the Acting Librarian. (Professor G. H. Needler.)

The number of bound volumes added to the Library during the year ending 30th April is 12,326, and the number of phamphlets, 4,660, making total contents of the Library 127,317 bound volumes and 39,392 pamphlets.

The statistics of the use of books by students, as compared with the two previous years are as follows:

—	1909–10	1910–11	1911–12
No. of day tickets	25,281	29,703	32,982
No. of books taken for the night	8,916	9,443	10,816
Average number of readers at a time	72	74	85

These figures for 1911-12, compared with those of the two preceding years, show a steady increase both in the number of books read during the day in the reading-rooms and of those taken out over night. Most striking is the increase from 74 to 85 (nearly 15 per cent.) in the average number of students using the reading-rooms at one time,—a result mainly of the improved conditions created by the opening of the women's reading-room in the spring of last year.

The need of more clerks, which was pointed out by the Librarian in his report of last year, is felt even more strongly now than it was then. That the work at the Delivery Desk has become much heavier is evident from the increase in the number of books handled; while the number of volumes which were added to the Library during the past year and required immediate cataloguing was 16,986, as compared with 12,415 for 1910-11,—that is, an increase of 37 per cent. This expansion has resulted frequently in a very inconvenient congestion at the Delivery Desk at the opening and close of the day, and means that the present cataloguing staff have again this year been able, even with the assistance of an additional clerk for a portion of her time, to do scarcely anything beyond keeping pace with the cataloguing of new books as they arrive. The Subject Catalogue, which is greatly needed, has had to remain almost as it was. The duplicates have been sorted out of the Goldwin Smith Library, but the main body of this collection remains untouched; about seven thousand useful books being thereby withheld from circulation. The cataloguing of maps and other material in the Art Folio Room, at

which a start was made last autumn, had to be discontinued when the cold weather set in, and it has been impossible to proceed with it since. This congestion in two important departments is easily explained by the increase of the mass of work to be overtaken, and is in no way chargeable, I think, to the present staff, which seems to be highly efficient. Relief can only be found in further appointments to the staff. There is still urgent need of one additional Delivery Clerk and two qualified cataloguers.

To meet the request of several members of the University teaching staff, it is thought advisable to begin in September to issue a bi-monthly bulletin of books added to the Library. There will also be printed for distribution a diagram of the Stack-Room that will show the location of the various departments and thereby facilitate the finding of books on the shelves.

(7) Reports from the Biological Stations. (Professor Ramsay Wright.)

Atlantic Station at St. Andrew's, New Brunswick.

Dr. A. G. Huntsman acted as Curator at this Station during the summer of 1911. He was accompanied during the summer by Mr. W. H. T. Baillie. They collaborated in the formation of a typical collection of the fauna of the region and in carrying out a number of experiments suggested by the Commissioner of Fisheries. Mr. Baillie was further engaged in the study of Marine Annelids, and will shortly publish a report upon the same.

Professor Macallum was present as Director during the month of July, and obtained material for a memoir which will be published in the near future. Professor Ramsay Wright acted in the same capacity for August and September, when he was engaged in Plankton research.

Pacific Station at Nanaimo.

The advantages of this Station attracted some visitors from England during the summer, but Professor McMurrich was the only visitor from this University. During July he was engaged in visiting the Salmon canneries on the Fraser River and the coast, and as far as Prince Rupert, collecting material for a study of the life-history of the West Coast Salmon as revealed by their scale markings. This material has now been thoroughly investigated and a paper on the life-history of the five species of Oncorhynchus occurring on the Pacific coast, based on the results, will shortly be published by the Royal Society of Canada. Professor McMurrich also took advantage of his trip up the coast to make a collection of the Jelly-fish occurring in the waters of British Columbia, and added to it during his stay at the Departure Bay Station. A number of the species collected have been studied during the winter, and it is hoped that additional material for the completion of the investigation may be obtained this coming summer.

Lake Station at the Georgian Bay.

studied during the winter, and it is hoped that additional material for the completed a systematic and geographical study of the fishes of this region, which will shortly appear. He was also engaged in determining a more suitable site for the Station. Messrs. Cooper and Robertson continue the work in which they were engaged during the previous season. Mr. H. T. White made a systematic study of the Bryozoa of the locality.

(8) Statement Regarding the Biological Museum. (Professor Ramsay Wright.)

Since the statement issued in last year's Report by the President, many valuable additions have been made to the Museum.

1. Mr. J. H. Ames, whose donation of bird-skins was recorded last year, added a further contribution of four cases of beautifully mounted birds.

Mr. Williams has assembled in one of our wall-cases the shore-birds from the specimens previously sent by Mr. Ames, and has in this way made a very complete representation of the birds to be found in the neighborhood of Toronto Bay.

2. Mr. Paul Hahn has presented to the Museum a large collection of Insects taken by him in Algonquin Park, which is interesting on account of showing the geographical range of many forms.

3. Dr. C. K. Clarke, Dean of the Faculty of Medicine, also made us a gift of some mounted birds, and has enriched the museum with a very valuable cabinet of birds' eggs obtained by himself, which constitutes one of the most complete collections in Ontario.

4. Victoria College, in dismantling its museum, transferred the zoological specimens to this Department. These included a very handsome example of the Hooded Seal, and likewise many mounted birds and Canadian and exotic insects.

5. The Biological Society of Ontario has also turned over to this Museum its large collection of bird and mammal skins, including upwards of one thousand specimens of the former.

6. As in previous years, we have had some contributions from students, Mr. A. E. Allin presenting two loon-eggs, taken in the Sudbury district, and Mr. A. L. Fleming, of Wycliffe College, who has been in the extreme North, a skull of an Eskimo and also the skull of a Polar Bear.

7. Mr. J. H. Fleming has donated the skin of a Boat-bill and deposited an interesting mounted specimen of its relative, the Shoe-billed Stork.

Mr. Williams, in addition to taking charge of these numerous additions to the Museum, has arranged a special collection of Ontario insects, and has had some interesting live reptiles on exhibition, among them a rattlesnake brought by Mr. A. D. Robertson from the Georgian Bay.

So far no purchases have been made during the present year, but it is proposed to expend the small appropriation on some specimens prepared for educational purposes.

(9) Statement Regarding the Geological Museum. (Professors Coleman and Parks.)

Owing to the congestion in the room at present occupied by the museum, very little new material has been put in position during the past year; nevertheless, a number of donations have been received and a considerable amount of material has been procured by the University collector.

The annual appropriation for palæontology has been reserved to cover the expenses of an expedition to the Red Deer River in Alberta for the purpose of collecting reptilian remains.

Some time has been spent during the winter in the careful planning of cases for the new museum; these plans are now prepared and we are about to let contracts for the construction of cases to the extent of our appropriation.

The more important acquisitions during the year are as follows:—

By Donations

The Coniagas Mines, Limited, Cobalt.—Large specimens of silver ore.
The Nova Scotia Silver-Cobalt Mining Co.—Large specimens of silver ore.
The Buffalo Mine, Cobalt.—Large specimens of silver ore.
The Cobalt Central Mines, Cobalt.—Large specimens of silver ore.
The Columbus Cobalt Silver Co., Cobalt.—Large specimens of silver ore.
The Chambers Ferland Mining Co., Cobalt.—Large specimens of silver ore.
The O'Brien Mine, Cobalt.—Large specimens of silver ore.
Mrs. Cameron Stewart, Surbiton, England, per Sir Edmund Walker.—Large specimen of silicified wood.
Victoria College, Toronto.—The whole of the palæontological collection of Victoria University has been donated to the department. The material has been worked over and many valuable specimens selected for the museum. The collection also contains a large amount of matter suitable for study and exchange.
Orville Rolfson, Esq., Windsor, Ont.—Specimens of *Buchiceras cornutum* from the Peace River.
R. Kirkpatrick, Esq., Parrsborough, N.S.—Stigmaria from Parrsborough.
Dr. A. J. Foerste, Dayton, Ohio.—A valuable series of Cincinnatian fossils.
British Vice-Consul, Oaxaca, Mexico, per Sir Edmund Walker.—Collection of Mexican fossils.

By Purchase:

Alluvial gold from Forty-mile Creek, Yukon.

By Exchange:

Professor Junius Henderson, Boulder, Colorado.—A series of Cretaceous and Tertiary fossils from the Western States.

By Collection:

Mr. Joseph Townsend.—Oriskany, Onondaga, Trenton and Black River fossils from Ontario.
Professor Coleman.—Specimens of Norwegian Nickel Ores and the accompanying rocks.
Professor Parks.—Building stones from the Maritime Provinces.

(10) Statement Regarding the Mineralogical Museum. (Professor T. L. Walker.)

The Collections of the Mineralogical Museum have been added to during the year by purchase, collection, and donation as follows:—

Donations:

1. The authorities of Victoria University have handed over the whole of their collections of minerals and rocks for the use of the University. This is probably the most important donation ever made to this section of the museum.
2. Silver ores from Cobalt.—B. Neilly, Esq., B.A.Sc.
3. Silver ores from Cobalt, and gold ores from Nova Scotia.—Robert Bryce, Esq.
4. Ores from Cobalt and Porcupine, Ontario.—W. A. O'Flynn, Esq., B.A.Sc.

Purchase:

1. Tungsten ores, Halifax Co., N.S.
2. Apatite and Sphene, Renfrew Co., Ontario.
3. Collection of Cobalt ores.—D. L. Mackenzie, Copper Cliff, Ont.
4. Miscellaneous purchases from mineral dealers.

Collection:

The following members of the University staff have presented specimens collected while on field work:

Professor A. P. Coleman.
Professor W. A. Parks.
Professor T. L. Walker.
Mr. A. L. Parsons.
Mr. W. F. Green.
Mr. T. L. Tanton.

(11) Extract from the Report of the Secretary of the University Extension Committee. (Dr. A. H. Abbott.)

The University Extension Committee has under its jurisdiction three departments of work: Local Lectures, Special Courses for Teachers, and the Summer Session.

Local Lectures.—During last year 264 lectures were given by members of the Staff outside of the regular class work. About 160 were arranged through the office of the University Extension Committee. 100 were arranged privately. Most of these were given in series of from 3 to 10 lectures in one place. For the present year already requests for about 75 lectures have come in, most of them being in courses of 5 or more. There were 33 lecturers engaged in delivering these lectures.

At a meeting of the University Extension Committee held on October 10th, 1911, the question of *Local* Lectures was discussed, and certain recommendations regarding the terms under which they should be given proposed. The following is a statement of the general considerations which influenced the Committee in making its recommendation and the recommendation which was made:

For at least fifteen years members of the Staff of the University have given these Local Lectures. Generally speaking, the members of the Staff have received bare expenses in return, although for a short time a small charge was made. The demand for these lectures has grown during recent years, so that during the winter of 1910-1911 thirty-three lecturers took part in the work, delivering 264 lectures to audiences which may have totalled 15,000 people. Nine lecturers gave from 11 to 34 lectures each; others 4, 5, 6, and 8; a few only one. The demands which these lectures make upon certain members of the Faculty in particular have made it necessary to consider whether any policy can be adopted that will meet the situation more satisfactorily than is done at present. It is obvious that these lectures are of advantage to the communities in which they are delivered from a purely educational point of view, while they serve to bring the University before the people. It seems reasonable that those members of the Staff who do this work should receive some remuneration for it. There is also a tendency to ask for courses of five or more lectures from one lecturer. For such courses the lecturer has received $10.00 and expenses for each lecture.

The University Extension Committee, therefore, recommended to the Council, in order that their recommendation may be in due course forwarded to the Senate

and Board of Governors, that the Council approve of making a certain charge for these Local Lectures, and that the Board of Governors be asked to set aside a certain sum of money to help in this work. It is proposed that those arranging for such lectures should be asked to pay the lecturer $5.00 and expenses, and that the appropriation of the Board should be sufficient to pay each lecturer $5.00 for each lecture given. This would mean that the lecturers receive $10.00 and expenses for each lecture. While it is not intended that such provision, if made, should prevent lectures being given to certain needy localities free of charge, it would mean that, as a matter of policy, the University would adopt the principle that any amount contributed by the University to help places to secure these lectures should be increased by a like amount from those for whom the lecture is given.

In connection with the Local Lectures a lantern is kept, which is sent out upon request to the organizations arranging for these lectures, for which a rental of $2.00 a night and express expenses are charged. The following shows the receipts and expenditures during the year:

October 1st, 1910—Balance on hand	$21 10
Received Rental	26 00
	47 10
Paid out for repairs	24 30
Balance on hand	$22 80

Special Courses for Teachers.—In the Special Courses for Teachers the total registration was 32.

Classes were held in:

First Year General and Special Course English.
First Year Special Course French.

It is evident that, under present conditions at least, any considerable increase in the attendance at the Teachers' classes cannot be looked for. While there are, doubtless, many contributing causes, one of the most important one continues to be the fact that the Board of Education does not recognize academic standing in its promotions, and, consequently, teachers take less interest in getting any higher standing than is required.

Summer Session.—Preliminary announcements were sent out to the teachers in the Province, as we have done for a number of years. From these enquiries were received and calendars sent to those interested.

The Courses which were offered were:

Faculty of Arts.

Latin, First and Second Year General Course.
English, First and Second Year General Course.
First Year Special Course.
French, First and Second Year General Course.
First Year Special Course.
Mathematics, First Year General Course.
Physics, First Year General and Special Course.
Biology, First Year General and Special Course.

Faculty of Education.

Seminar on the Development of Educational Theory during the Nineteenth Century, for Candidates for Degrees in Pedagogy.
Elementary Science.
Commerce.
Art.
Physical Training.

Of these courses the following were applied for by a sufficient number to warrant them being given. The numbers in brackets indicate in each case the actual attendance:

Faculty of Arts.

English, First Year General and Special Course (10).
French, First Year General Course (16).
Mathematics, First Year General Course (6).
Physics, First Year Special Course (12).
Biology, First Year Special and General Course (10).

Faculty of Education.

Commerce (11).
Art, Elementary and Advanced Courses (60).
Physical Training (27).

Total registration 99, of which 39 were registered in the Faculty of Arts and 68 in the Faculty of Education.

Year.	Total Registration.	Arts.	Education.
1909	164	68	103
1910	143	37	109
1911	99	39	68

A series of evening lectures was given during the Summer Session as follows:—

July 18—"The Life and Work of Sir Francis Galton." Professor R. Ramsay Wright.
July 21—"Similarities and Analogies in Physical Phenomena." Mr. E. F. Burton, B.A.
July 25—"A Modern Theory of Evolution and Its Practical Aspects." Professor J. H. Faull.

The average attendance at these lectures was about 280.

For the accommodation of those attending the Summer Session, as well as for the examiners of the Department of Education, Queen's Hall, the Men's Residences and the Dining Hall were opened. Board and lodgings were supplied at the rate of $5.00 a week. *Twenty* were in residence at Queen's Hall and *forty-seven* in South Hall during the Session.

(12) Report of the Physical Director. (Dr. J. W. Barton.)

The work of the Physical Department for the past year has been larger than in any previous year. The number of lockers being used by more than one student is so large that we hesitate to mention it for sanitary reasons.

Our work has been curtailed this spring owing to the building operations, which necessitated the tearing down of our present gymnasium early in April. This was unfortunate as it came at a time when light exercise and baths would have been most beneficial to our students. However, the temporary gymnasium now being placed at our disposal will be ready before October. Although the equipment is small, still by having some of the Rugby players use the lockers and showers at the Stadium we shall be fairly comfortable.

This year has seen the completion of the Stadium and Athletic Field. To Mr. Darling, the University Architect, we are indebted for the excellent arrangements of the stand. He gave your Physical Director many hours of his time in endeavouring to get a grasp of our athletic needs. Mr. Wagner, a graduate of the Faculty of Applied Science, erected the stand after his own patented process of concrete slab construction. The bleachers, or open stand, with accommodation for 8,000 people, the grading of the field and the laying of the running track, are the work of the Superintendent's Department, and the manner in which the work was done reflects great credit on that Department. The new field and stand gave opportunity also for a new era in skating. When I am able to state that the receipts were four times as much as in the best previous year, some idea of the increased patronage may be gained.

Our teams have won their share of Intercollegiate honours, though they were hardly as successful as in the past two years.

Our Interfaculty contests were more satisfactory than ever before, as we have succeeded in getting two more affiliated colleges into our domestic contests. Some idea of the growth in athletic contests within the University may be gathered from the fact that five years ago we had interfaculty contests in six branches, and now we have twelve. Also in intercollegiate athletics we had annual contests in four branches and now we have annual athletic fixtures in intercollegiate unions in twelve different kinds of athletic endeavour.

The gymnasium work had suffered to a considerable extent owing to Sergt. Williams's very severe illness. However, he was able to be about for our Intercollegiate and Interfaculty contests in boxing, wrestling and fencing.

The following figures show the number of students engaged in the various activities of the Physical Department:

Rugby	250
Association Football	240
Hockey	140
Track	80
Basket Ball	105
Water Polo	40
Boxing	80
Wrestling	25
Fencing	16
Swimming Competition	20
Life Saving	50
Tennis	60
Gymnastics	20
Harrier	25
Lacrosse	20
Curling	20
	1191

Many students go in for more than one branch of Athletics. However, the above figures take no account of interyear matches in the various branches, as they are not under the jurisdiction of the Athletic Association. About five hundred students use the Gymnasium and about three hundred and fifty the swimming pool regularly.

By the generosity of the Board of Governors and by extra help on the part of the Athletic Association we were enabled to secure the services of Mr. E. A. Chapman to prepare our men for these Intercollegiate and faculty contests. Mr. Corsan's work in the swimming department has been of a very high order. In addition to teaching so many to swim, he has again broken our record in the number of awards for life saving efficiency. We secure annually more awards than any other institution in Canada. Our record last year was thirty-six. This year we have secured forty-four.

We are naturally looking forward to the completion of the new buildings when we can accommodate all our students, and thus make our work complete.

(13) Report of the Superintendent of the Dining Hall. (Miss V. M. Ryley.)

In submitting my report I am glad to be able to state that during the session 1911-12, we have had the most successful year in the history of the Dining Hall.

Last year we complained of the overcrowding, but imagine our surprise when within a week of the opening this year we were called upon to accommodate over one hundred students more per meal. We quickly increased the number of waiters and help and allowed the men students to use three-quarters of the Women's Dining Hall downstairs, but even this arrangement often leaves fifty students standing until seats are vacated. At first we expected that the students would soon tire of this and leave for other places, but this was not the case, and from October until the end of March, the attendance for five days of the week averaged over 1,00. On several occasions we have served over 1,100 meals in one day of which 500 were the luncheon.

Our attendance shows an increase of 46 per cent. over last year, or in terms of meals, we have served a total of 195,000, an increase of 61,300 over the largest previous year. We serve daily seven times the total seating capacity, three times at luncheon and twice at breakfast and dinner.

APPENDIX B.

(1) Enrolment in the Colleges.
(2) Enrolment in University Subjects.
(3) Registration in Courses in the Faculty of Arts.
(4) Registration of Women Students.

(1) Enrolment in the Colleges.

The students in University College were enrolled as follows:

—	Greek.	Latin.	Ancient History	English.	German.	French.	Orientals.	Ethics.
First Year—								
Pass	51	244	133	204	160	192	23	... ...
Honours	18	35	82	72	33	51	....	... .
Second Year—								
Pass	31	180	.....	210	140	177	20	.....
Honours	23	25	52	57	32	35	4	... ...
Third Year—								
Pass	11	38	15	128	37	55	7	57
Honours	9	8	16	54	32	41	4	19
Fourth Year—								
Pass	10	46	.....	106	37	44	5	48
Honours	13	8	7	43	31	31	7	13
Totals—								
Pass	103	508	148	648	374	468	55	105
Honours	63	76	157	226	128	158	15	32

The students in Victoria College were enrolled as follows:

—	Greek.	Latin.	Ancient History	English.	German.	French.	Orientals.	Ethics.
First Year—								
Pass	21	97	56	110	48	64	42	... .
Honours	7	15	20	29	24	27	.....	... .
Second Year—								
Pass	21	69	.....	91	48	59	21	.....
Honours	6	7	14	19	17	17	5	.....
Third Year—								
Pass	.....	20	6	68	18	18	4	27
Honours	10	5	5	21	20	21	7	9
Fourth Year—								
Pass	2	22	.....	74	13	14	10	4
Honours	1	3	1	17	11	16	7	10
Totals—								
Pass	44	208	62	343	127	155	77	31
Honours	24	30	40	86	72	81	19	19

The students in Trinity College were enrolled as follows:

—	Greek.	Latin.	Ancient History	English.	German.	French.	Orientals.	Ethics.
First Year—								
Pass	13	50	12	41	24	35	8	.....
Honours	3	5	10	15	8	13	.....	.....
Second Year—								
Pass	12	32	.....	32	15	18	4	.....
Honours	5	8	4	13	11	10	.....	.....
Third Year—								
Pass	1	11	7	17	10	13	4	6
Honours	4	3	3	8	5	5	1	2
Fourth Year—								
Pass	4	12	.....	16	5	9	2	10
Honours	3	2	2	8	7	7	.....	1
Totals—								
Pass	30	105	19	106	54	75	18	16
Honours	15	18	19	44	31	35	1	3

The students in St. Michael's College were enrolled as follows:

—	Greek.	Latin.	Ancient History.	English.	German.	French.	Philosophy.	Ethics.
First Year	9	44	..	44	42	37	.....	.....
Second Year	3	9	..	10	5	8	8	.....
Third Year	.....	.....	..	.....	.....	.....	9	9
Fourth Year	.....	1	..	1	.....	1	8	9

(2) Enrolment in University Subjects.

The following tables exhibit the numbers attending lectures in University subjects, together with the numbers of those taking the practical work in the laboratories:

DEPARTMENT OF MATHEMATICS.

—	Pass.	Pass and Honours.	Honours.
Faculty of Arts—			
First Year	419	.....	37
Second Year	.....	.....	93
Third Year	.....	.....	29
Fourth Year	59	.....	10
Faculty of Applied Science—			
First Year	.....	265	.....
Second Year	.....	.....	219
Total 1,131	478	265	388

DEPARTMENT OF PHYSICS.

—	Pass.	Pass and Honours.	Honours.	Laboratory.
Faculty of Arts—				
First Year	174	.....	99	262
Second Year	.....	.....	74	53
Third Year	7	.....	33	33
Fourth Year	.....	.....	13	5
Occasional	2	.....	.....	.....
Graduate Students	.....	6	.....	7
Faculty of Medicine—				
First Year	.....	121	.....	119
Department of Dentistry	63	.....	.....	63
Faculty of Forestry—				
First Year	6	.....	.....	6
Total 598	252	127	219	548

DEPARTMENT OF BIOLOGY.

—	Pass.	Pass and Honours.	Honours.	Laboratory.
Faculty of Arts—				
First Year	453	.....	50	441
Second Year	.....	.....	32	32
Third Year	5	.....	10	15
Fourth Year	.....	.....	8	8
Graduate Students	.....	.....	12	.....
Faculty of Medicine—				
First Year	.....	.....	122	122
Second Year	.....	.....	101	101
Faculty of Applied Science—				
First Year	.....	.....	11	11
Fourth Year	.....	.....	10	9
Faculty of Forestry—				
First Year	.....	.....	6	6
Second Year	.....	.....	4	4
Third Year	.....	.....	14	14
Fourth Year	.....	.....	12	12
Ontario Veterinary College Students in Botany	.....	.....	.....	95
Total 850	458	.....	392	870

DEPARTMENT OF CHEMISTRY.

—	Pass.	Pass and Honours.	Honours.	Laboratory.
Faculty of Arts—				
First Year	11	.....	80	91
Second Year	63	.....	41	104
Third Year	.....	.....	7	7
Fourth Year	.....	.....	17	8
Occasional Students	4	.....	.....	4
Graduate Students	.....	.....	.....	8
Faculty of Medicine—				
First Year	.....	127	.....	127
Faculty of Applied Science—				
Second Year	.....	10	.....	.....
Faculty of Forestry—				
First Year	.....	.....	7	6
Second Year	.....	.....	3	1
Third Year	.....	.....	6	1
Fourth Year	.....	.....	3	.....
Faculty of Household Science—				
First Year	.....	18	.....	18
Second Year	.....	10	.....	10
Veterinary Students	.....	93	.....	93
Total 508	78	258	164	478

DEPARTMENT OF PHYSIOLOGY AND BIOCHEMISTRY.

—	Pass and Honours.	Honours.	Laboratory.
Faculty of Arts—			
Second Year	.....	11	11
Third Year	.....	21	21
Fourth Year	.....	19	19
Faculty of Medicine—			
Second Year	103	10	103
Third Year	130	.....	.....
Faculty of Household Science—			
Senior Normals	24	.....	24
Occasional	1	.....	1
Veterinary Students	94	.....	94
Total 403	352	61	273

DEPARTMENT OF GEOLOGY.

—	Pass.	Pass and Honours.	Honours.	Laboratory.
Faculty of Arts—				
Second Year	341	.....	22	315
Third Year	.....	.....	3	3
Fourth Year	.....	.....	5	5
Faculty of Applied Science—				
Second Year	.....	35	.....	.....
Third Year	.....	81	.....	16
Fourth Year	.....	17	.....	.....
Faculty of Forestry—				
Second Year	.....	3	.....	3
Third Year	.....	16	.....	16
Total 523	341	152	30	358

DEPARTMENT OF MINERALOGY.

—	Pass.	Pass and Honours.	Honours.	Laboratory.
Faculty of Arts—				
Second Year	311	.....	23	316
Third Year	.....	.....	8	8
Fourth Year	.....	.....	5	5
Graduate Students	.....	.....	2	2
Faculty of Applied Science—				
First Year	.....	11	.....	11
Second Year	.....	143	.....	143
Third Year	.....	21	.....	21
Fourth Year	.....	18	.....	18
Faculty of Forestry—				
Second Year	.....	4	.....	4
Third Year	.....	16	.....	16
Total 562	311	213	38	544

DEPARTMENT OF PHILOSOPHY.

—	History of Philosophy.		Psychology.		Logic.	Meta-physics.	Ethics.	
	Pass.	Hon-ours.	Pass.	Hon-ours.	Hon-ours.	Hon-ours.	Pass.	Hon-ours.
Second Year	41	21	247	21	21	21	.....	.....
Third Year	58	29	.....	29	29	29	64	29
Fourth Year	.....	19	.....	19	19	19	55	19
Graduate Students	.....	10	.....	11	.....	.....	.....	7
	99	79	247	80	69	69	119	55

DEPARTMENT OF POLITICAL SCIENCE.

—	Pass.	Honours.
Faculty of Arts—		
Second Year	22	49
Third Year	36	34
Fourth Year	84	40
Department of History	.....	8
Department of Philosophy	40	.....
Department of Commerce and Finance:		
First Year	.....	26
Second Year	.....	8
Third Year	.....	8
Graduate Students	.....	5
Occasionals	3	.....
Department of Geology and Mineralogy	5	.....
Faculty of Forestry—		
Second Year	7	.....
	197	178

DEPARTMENT OF MODERN HISTORY.

——	Pass.	Honours.
First Year	16	19
Second Year	142	85
Third Year	111	81
Fourth Year	91	81
Total.....626	360	266

DEPARTMENT OF ITALIAN AND SPANISH.

——	Italian		Spanish.		Phonetics.
	Pass.	Honours.	Pass.	Honours.	Honours.
First Year	60	58	24	9	.....
Second Year	7	25	13	10	.....
Third Year	1	21	3	5	50
Fourth Year	.....	17	10	5	.....
Graduate Students	.....	3	.....	.....	.....
Total	68	124	50	29	50

DEPARTMENT OF HOUSEHOLD SCIENCE.

——	Pass.	Honours.	Total.
Arts Students proceeding to a degree	30	36	66
Faculty of Education Students	.....	.....	136
Normal Students	.....	.....	24
Occasionals	.....	.....	74
Department of Education Students	.....	.....	26
	.....	.....	336

(3) Registration in Courses in the Faculty of Arts, 1911-1912.

Courses.	First Year.				Second Year.				Third Year.				Fourth Year.				Total.	M.A.	Ph.D.
	U. C.	V. C.	T. C.	St. M.	U. C.	V. C.	T. C.	St. M.	U. C.	V. C.	T. C.	St. M.	U. C.	V. C.	T. C.	St. M.			
General Course	201	93	35	48	112	43	19	3	60	23	16	.....	48	22	11	1	735	.....	....
Classics	9	6	2	1	14	6	4	1	7	5	2	1	8	1	2	.....	69	10	....
Greek and Hebrew	.....	.....	.....	.....	.....	1	.....	.....	2	1	1	.....	1	.....	.....	.....	6	.....	....
Orientals	.....	.....	.....	.....	4	5	.....	.....	2	7	.....	.....	5	5	.....	.....	28	6	1
Eng. and Hist. (Class.)	11	5	1	1	13	1	3	.....	8	8	1	.....	3	.....	1	.....	56	.....	....
Moderns	20	20	7	.....	34	15	7	1	24	15	3	.....	13	10	6	.....	175	14	....
Eng. and Hist. (Mod.)	19	5	.....	.....	8	2	4	.....	17	13	3	.....	23	6	1	.....	101	.....	....
Political Science	19	6	.....	.....	38	8	.....	.....	25	8	.....	.....	26	12	3	.....	145	6	....
Modern History	7	4	6	.....	3	1	1	.....	4	.....	.....	.....	2	.....	1	.....	29	15	1
Commerce and Finance	22	4	.....	.....	8	.....	.....	.....	7	1	.....	.....	.....	.....	.....	.....	42	.....	....
Philosophy	.....	.....	.....	.....	13	5	1	8	20	8	2	10	13	10	1	8	99	17	6
Math. and Phys.	20	8	.....	.....	20	7	1	.....	16	4	.....	.....	9	1	1	.....	87	5	2
Nat. and Phy. Sc.	32	10	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44	.....	....
Physics	.....	.....	.....	.....	2	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	4	3	5
Biology	.....	.....	.....	.....	3	1	.....	.....	6	2	.....	.....	1	3	.....	.....	16	1	....
Chemistry and Mineralogy I.	.....	.....	.....	.....	10	2	3	.....	5	.....	.....	.....	7	2	.....	.....	29	.....	....
Chemistry and Mineraloy II.	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	....
Geology and Mineralogy	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	4	1	.....	.....	9	1	....
Biol. and Phys. Sc.	.....	.....	.....	.....	1	2	.....	.....	2	2	.....	.....	4	.....	.....	.....	11	.....	....
Physiol. and Bioch. Sc.	.....	.....	.....	.....	11	1	.....	.....	6	7	.....	.....	8	1	1	.....	35	.....	....
Household Science	5	7	1	.....	5	4	.....	.....	8	.....	.....	.....	5	4	.....	.....	39	.....	....
Physiol. and Household Sc.	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	....
Arts and Forestry	1	1	.....	.....	1	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	7	.....	....
Chemistry	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	4
Botany	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1
Zoology	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5
Mineralogy	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Geology	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Physiology	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	....
Total of courses taken	366	169	54	50	304	107	44	13	223	105	28	11	181	78	28	9	1,770	.....	....
Total of students registered	349	156	53	49	271	101	39	13	211	98	28	11	177	77	27	9	.....	87	28

(4) Registration of Women Students.

The women students registered in University College took the following courses:

Courses.	First Year.	Second Year.	Third Year.	Fourth Year.
General Course	52	28	28	30
Classics	4	2	2	1
English and History (Cl.)	3	2	1	1
Classics and English and History	.....	4	.....	.....
Moderns	17	31	20	13
English and History (Mods.)	11	6	13	16
Moderns and English and History (Mod.)	1	.....	1	.....
Modern History	.....	.....	1	.....
Philosophy	.....	2	.....	1
Mathematics and Physics	4	4	5	.....
Science	7	.....	.....	.....
Physics	.....	.....	1	1
Biological and Physical Sciences	.....	1	.....	.....
Physiological and Biochemical Sciences	.....	1	.....	.....
Biology	.....	2	.....	1
Household Science	5	4	7	.....
Physiology and Household Science	.....	2	.....	5
Totals	104	89	79	69

The women students registered in Victoria College took the following courses:

Courses.	First Year.	Second Year.	Third Year.	Fourth Year.
General Course	21	11	13	11
Moderns and English and History	21	12	17	15
Classics and English and History	3	.....	2	.....
Mathematics and Physics	3	2	1	.....
Natural and Physical Sciences	.....	.....	2	2
Household Science	6	4	1	4
	54	29	36	32

Total	151
Graduates	6
Occasional	14
	171

The women students registered in Trinity College took the following courses:

Courses.	First Year.	Second Year.	Third Year.	Fourth Year.
General Course	16	8	5	6
Modern Languages	6	6	3	6
English and History (Mod.)	1	3	2	1
Modern History	1	1	.....	.....
Classics	.....	1	.....	1
Mathematics and Physics	.....	.....	.....	1
Total number of students	24	19	10	15

The women in the Faculty of Medicine were enrolled as follows:

First Year	5
Second Year	2
Third Year	4
Fourth Year	4
	15

The women in the Faculty of Household Science took the following courses:

Normal	24
Department of Education	36
Occasional	74
	134

The women in the Faculty of Education took the following courses:

Advanced Course	50
General Course	129
	179

APPENDIX C.

Results of Examinations.

(1) Faculty of Arts.
(2) Faculty of Medicine.
(3) Faculty of Applied Science.
(4) Faculty of Forestry.
(5) Faculty of Education.
(6) Faculty of Household Science.

RESULTS OF EXAMINATIONS IN MAY, 1912.

(1) Faculty of Arts.

Senior Matriculation.

Courses.	University.	Univ. Coll.	Vic. Coll.	Trin. Coll.	St. M. Coll.	Totals.	Passed.	Starred.	Failed.	Transfer'd.	Aegrotat.	B. L.	Deferred.	Def. B. L.	Debarred.
General Course	....	48	18	11	2	79	26	29	24	....	....	....	....	....	23
Supplementals	....	10	4	1	3	18	9	9	....	....	....	....	....	....	....
Classics	....	2	....	....	....	2	2	....	....	1	....	....	....	....	....
Moderns	....	1	1	1	....	3	3	....	....	1	....	1	....	....	1
Eng. and Hist. (Mod.)	....	2	....	....	....	2	1	....	1	....	....	....	....	....	....
Political Science	....	1	....	....	....	1	1	....	....	1	....	....	....	....	....
Modern History	....	....	1	1	....	2	2	....	....	1	....	1	....	....	....
Commerce and Finance	....	1	1	....	....	2	....	1	1	1	....	....	....	....	1
Natural Science	....	6	1	....	....	7	3	3	1	....	....	....	1	....	3
Household Science	....	1	....	....	....	1	....	1	....	1	....	....	....	....	....
Arts and Forestry	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....
Teachers' Course	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....
Occasionals	8	3	1	....	....	12	10	2	....	....	....	....	....	....	....
Totals	9	75	28	14	5	131	58	45	28	6	....	2	1	....	28

First Year.

Courses.	University.	Univ. Coll.	Vic. Coll.	Trin. Coll.	St. M. Coll.	Totals.	Passed.	Starred.	Failed.	Transfer'd.	Aegrotat.	B. L.	Deferred.	Def. B. L.	Debarred.
General Course	....	129	55	22	8	214	98	74	42	....	....	....	....	....	....
Supplementals	....	68	9	6	4	87	41	46	....	....	....	....	....	....	....
Classics	....	6	4	2	1	13	10	2	1	1	....	....	....	....	....
Eng. and Hist. (Class.)	....	9	5	1	1	16	13	2	1	....	....	1	....	....	....
Moderns	....	16	17	5	....	38	27	9	2	8	....	3	....	2	2
Eng. and Hist. (Mod.)	....	16	1	....	....	17	16	1	....	5	....	4	....	....	....
Political Science	....	11	5	1	....	17	8	9	....	7	....	1	....	....	....
Modern History	....	6	1	5	....	12	8	3	1	2	....	....	....	1	1
Commerce and Finance	....	15	3	....	....	18	6	10	2	6	....	....	....	....	....
Math. and Phys.	....	19	6	....	....	25	22	3	....	3	....	....	....	....	....
Natural Sciences	....	20	8	2	....	30	14	16	....	2	....	....	2	....	....
Household Science	....	4	5	1	....	10	8	2	....	1	....	....	....	1	1
Arts and Forestry	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....
Teachers' Course	3	....	....	....	....	3	3	....	....	....	....	....	....	....	....
Occasionals	....	2	....	1	....	3	2	1	....	....	....	....	....	....	....
Totals	3	322	119	46	14	504	276	178	50	36	....	9	2	4	4

Second Year.

Courses.	University.	Univ. Coll.	Vic. Coll.	Trin. Coll.	St. Michael's College.	Totals.	Passed.	Starred.	Failed.	Transfer'd.	Aegrotat.	B. L.	Deferred.	Def. B. L.	Debarred.
General	....	99	38	18	2	157	49	60	48	....	1	...	...	...	4
Supplementals	....	31	15	5	....	51	25	26	....	....	...	...	...	...	....
Classics	....	10	6	4	1	21	15	5	1	1	...	...	...	1	1
Orientals	....	4	5	....	....	9	5	3	1	....	...	...	...	...	2
Eng. and History (Classics)	....	12	....	3	....	15	10	5	....	1	...	1	1	...	....
Moderns	....	34	15	7	1	57	39	15	3	2	...	3	1	6	6
Eng. and History (Mod.)	....	6	2	4	....	12	10	1	1	1	2	1	...	...	....
Political Science	....	32	8	....	....	40	21	12	7	10	...	1	...	...	1
Modern History	....	2	1	1	....	4	3	....	1	....	...	...	...	1	1
Commerce and Finance	....	6	....	....	....	6	3	1	2	1	...	...	...	...	....
Philosophy	....	14	5	1	7	27	11	7	9	....	2	1	3	1	4
Mathematics and Physics	....	19	7	1	....	27	18	8	1	....	...	...	1	...	....
Physics	....	2	1	....	....	3	1	1	1	....	...	...	1	...	....
Biology	....	3	1	....	....	4	4	....	....	....	...	...	...	...	....
Chem. and Mineralogy	....	9	2	3	....	14	6	4	4	....	2	...	1	...	....
Biol. and Phys. Sciences	....	1	2	....	....	3	3	....	....	....	...	...	...	...	....
Phys. and Bioch. Sc.	....	11	1	....	....	12	6	5	1	....	...	...	1	...	....
Household Science	....	4	4	....	....	8	4	4	....	....	...	...	2	...	....
Phys. and Household Sc.	....	3	....	....	....	3	1	2	....	....	...	...	1	...	....
Arts and Forestry	....	1	1	1	....	3	2	....	1	....	...	...	...	...	....
Teachers' Course	....	1	....	....	....	1	1	....	....	....	...	...	...	...	....
Occasionals	....	3	....	....	....	3	....	3	....	....	...	...	...	...	....
Totals	....	307	114	48	11	480	237	162	81	16	6	7	12	9	19

Third Year.

Courses.	University.	Univ. Coll.	Vic. Coll.	Trin. Coll.	St. Michael's College.	Totals.	Passed.	Starred.	Failed.	Transfer'd.	Aegrotat.	B. L.	Deferred.	Def. B. L.	Debarred.
General	....	63	25	15	....	103	67	22	14	....	...	...	...	...	22
Supplementals	....	16	3	2	1	22	17	5	....	....	...	...	...	...	....
Classics	....	7	5	2	1	15	14	....	1	....	...	...	...	...	....
Greek and Hebrew	....	2	....	1	....	3	1	2	....	....	...	...	...	...	....
Orientals	....	1	6	....	....	7	7	....	....	....	...	...	2	...	3
Eng. and History (Classics)	....	6	5	1	....	12	11	1	....	1	1	2	...	...	....
Moderns	....	23	14	2	....	39	36	3	....	....	1	2	...	1	2
Eng. and History (Mod.)	....	16	13	3	....	32	28	4	....	4	...	1	...	...	1
Political Science	....	21	6	....	....	27	25	....	2	....	...	7	...	1	2
Modern History	....	4	....	....	....	4	4	....	....	....	...	1	...	...	....
Philosophy	....	19	8	2	10	39	33	4	2	....	3	2	2	4	6
Commerce and Finance	....	7	1	....	....	8	5	3	....	....	...	...	1	...	1
Mathematics and Physics	....	14	4	....	....	18	17	1	....	....	1	...	...	...	....
Physics	....	1	....	....	....	1	1	....	....	....	...	...	...	...	....
Biology	....	5	2	....	....	7	5	2	....	....	1	...	...	...	....
Geology and Mineralogy	....	....	1	....	....	1	1	....	....	....	...	...	...	...	....
Chem. and Min. I.	....	5	....	....	....	5	5	....	....	....	...	...	...	...	....
Chem. and Min. II.	....	1	....	....	....	1	1	....	....	....	...	...	...	...	....
Bio. and Phys. Sciences	....	2	2	....	....	4	1	3	....	....	...	...	...	...	....
Phys. and Bioc. Sciences	....	6	7	....	....	13	11	2	....	....	1	...	...	...	....
Household Science	....	7	1	....	....	8	5	2	1	....	...	...	...	...	....
Arts and Forestry	....	1	....	....	....	1	1	....	....	....	...	...	...	...	....
Teachers' Course	....	....	....	....	....	....	....	....	....	....	...	...	...	...	....
Occasionals	....	1	....	....	....	1	1	....	....	....	...	...	...	...	....
Totals	....	228	103	28	12	371	297	54	20	5	8	15	5	6	37

Fourth Year.

Courses.	University.	Univ. Coll.	Vic. Coll.	Trin. Coll.	St. Michael's College.	Totals.	Passed.	Starred.	Failed.	Transferred.	Aegrotat.	B. L.	Deferred.	Def. B. L.	Pass. Deg.
General	....	50	23	12	....	85	63	21	1	....	....	....	....	....	....
Classics	....	6	1	2	....	9	9	....	....	....	....	....	....	....	....
Greek and Hebrew	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....
Orientals	....	5	5	....	....	10	10	....	....	....	....	....	....	....	....
English and History (Class.)	....	3	....	1	....	4	4	....	....	....	1	....	....	....	....
Moderns	....	13	10	6	....	29	29	....	....	....	2	....	....	....	....
English and History (Mod.)	....	22	5	1	....	28	28	....	....	....	....	1	....	....	1
Political Science	....	26	13	3	....	42	42	....	....	....	....	8	....	....	1
Modern History	....	2	....	....	....	2	2	....	....	....	....	....	....	....	....
Philosophy	....	10	9	1	8	28	28	....	....	....	....	1	....	....	2
Mathem. and Physics: Mathematics	....	5	....	1	....	6	6	....	....	....	....	....	....	....	....
Mathem. and Physics: Physics	....	2	1	....	....	3	3	....	....	....	....	....	....	....	....
Mathem. and Physics: Astr. and Phys.	....	2	....	....	....	2	2	....	....	....	....	....	....	....	....
Biology	....	1	3	....	....	4	4	....	....	....	....	....	....	....	....
Geology and Mineralogy	....	4	1	....	....	5	5	....	....	....	....	....	....	....	....
Chem. and Mineral'y, I.	....	6	2	....	....	8	8	....	....	....	....	....	....	....	....
Chem. and Mineral'y, II.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bio. and Phys. Sciences	....	4	....	....	....	4	4	....	....	....	....	....	....	....	....
Physio. and Biochem. Sc.	....	8	1	1	....	10	10	....	....	....	....	....	....	....	....
Household Science	....	5	4	....	....	9	8	1	....	....	....	....	....	....	....
Arts and Forestry	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....
Teachers' Course	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Occasionals	2	3	2	....	....	7	7	....	....	....	....	....	....	....	....
Totals	2	179	80	28	8	297	273	23	1	....	3	10	....	....	4

(2) Faculty of Medicine.

—	Passed with Honours.	Passed.	Starred.	Failed.
First Year	2	76	27	10
Second Year	2	80	19	2
Third Year	.....	89	37	4
Fourth Year	5	65	30	.....

(3) Faculty of Applied Science.

—	Passed with Honours.	Passed.	Starred.	Failed.
First Year:				
Civil Engineering	41	85	29	14
Mining Engineering	13	18	4	4
Mechanical Engineering	4	15	5	10
Architecture	5	12	5	.....
Analytical and Applied Chemistry	4	10	4	1
Chemical Engineering	2	5	2	1
Electrical Engineering	24	58	1	14
Second Year:				
Civil Engineering	34	84	29	11
Mining Engineering	3	22	13	8
Mechanical Engineering	5	15	7	1
Architecture	2	5	2	1
Analytical and Applied Chemistry	1	5	.....	1
Chemical Engineering	1	6	.....	1
Electrical Engineering	15	36	19	4
Third Year:				
Civil Engineering	15	60	23	3
Mining Engineering	4	15	5	.....
Mechanical Engineering	2	13	4	1
Architecture	4	7	2	.....
Analytical and Applied Chemistry	2	4	1	.....
Electrical Engineering	10	32	8	3
Chemical Engineering	1	3	.....	.....
Fourth Year	42	161	11	2

(4) Faculty of Forestry.

	Passed with Honours.	Honours Deferred.	Failed.
First Year	2	2	3
Second Year	1	4	.....
Third Year	4	6	5
Fourth Year	9	3	.....
Fifth Year	.....	1	.....
	16	16	8

(5) Faculty of Education.

	Passed with Honours.	Passed.	Failed.
General Course	13	183	.....
Advanced Course	14	70	.....
*Specialists	.....	43	.....
B. Pæd	.....	.....	.....
D. Pæd	.....	1	.....
Number who failed in whole or part	.....	.....	26

* Many of these are included among those who passed in the General or Advanced Courses.

(6) Faculty of Household Science.

——	Passed.	Starred.	Failed.
Two Year, Normal Course	16	.....	.....
One Year, Normal Course	6	.....	.....
Occasional Students	3	.....	.....

APPENDIX D.

Geographical Distribution of Students.

The geographical distribution of students is as follows:

FACULTY OF ARTS.

——	University of Toronto.	University College.	Victoria College.	Trinity College.	St. Michael's College.	Total.
Ontario: (1) Province	229	480	307	103	53	1,172
(2) Toronto	106	437	101	31	20	695
Nova Scotia	4	3	.....	.....	.....	7
New Brunswick	2	8	1	.....	.....	11
Prince Edward Island	1	2	.....	.....	.....	3
Quebec	8	2	3	1	.....	14
Manitoba	20	17	4	.....	.....	41
Saskatchewan	26	37	31	1	.....	95
Alberta	8	38	12	4	1	63
British Columbia	6	20	29	4	.....	59
United States	66	18	4	10	7	105
Elsewhere	10	44	22	9	2	87
Totals	486	1,106	514	163	83	2,352

FACULTY OF MEDICINE.

Ontario:	
(1) Province	260
(2) Toronto	120
Nova Scotia	4
Quebec	2
Manitoba	8
Saskatchewan	26
Alberta	29
British Columbia	10
United States	3
Elsewhere	8

FACULTY OF APPLIED SCIENCE.

Ontario:	
(1) Province	385
(2) Toronto	296
Nova Scotia	3
Quebec	5
Manitoba	14
Saskatchewan	24
Alberta	16
British Columbia	30
Yukon Territory	3
Elsewhere	17

FACULTY OF EDUCATION.

Ontario:	
(1) Province	244
(2) Toronto	51
New Brunswick	1
Quebec	1
Manitoba	1
Saskatchewan	2
Alberta	3
British Columbia	1
United States	1

FACULTY OF FORESTRY.

Ontario:	
(1) Province	12
(2) Toronto	18
Nova Scotia	2
New Brunswick	1
Quebec	1
Saskatchewan	1
British Columbia	2
United States	2
Elsewhere	1

FACULTY OF HOUSEHOLD SCIENCE.

Ontario:	
(1) Province	17
(2) Toronto	105
Nova Scotia	2
Manitoba	2
Alberta	1
British Columbia	1
United States	4
Elsewhere	2

SUMMARY.

	Faculty of Arts.	Faculty of Medicine.	Faculty of Applied Science.	Faculty of Education.	Faculty of Forestry.	Faculty of Household Science.	Totals.
Ontario:							
(1) Province	1,172	260	385	244	12	17	2,090
(2) Toronto	695	120	296	51	18	105	1,285
Nova Scotia	7	4	3	.....	2	2	18
New Brunswick	11	.....	.....	1	1	.....	13
Prince Edward Island	3	.....	.....	.....	.....	.....	3
Quebec	14	2	5	1	1	.....	23
Manitoba	41	8	14	1	.....	2	66
Saskatchewan	95	26	24	2	1	.....	148
Alberta	63	29	16	3	.....	1	112
British Columbia	59	10	30	1	2	1	103
Yukon Territory	.....	1	3	.....	.....	.....	4
United States	105	3	.....	1	2	4	115
Elsewhere	87	7	17	.....	1	2	114
Occasionals	.....	49	5	.....	.....	.....	54
	2,352	519	798	305	40	134	4,148
				Less counted twice ..			12
							4,136

The students from the Province of Ontario are distributed as follows:

County.	Faculty of Arts.	Medicine.	Applied Science.	Education.	Forestry.	Household Science.	Totals.
Algoma	14	4	6	.....	.....	.....	24
Brant	28	11	16	10	1	.....	66
Bruce	22	4	10	12	.....	.....	48
Carleton	46	4	10	2	1	1	64
Dufferin	9	3	3	1	.....	.....	16
Dundas	15	.....	1	.....	1	.....	17
Durham	23	6	10	4	.....	.....	43
Elgin	27	6	6	4	.....	1	44
Essex	17	12	12	4	.....	1	46
Frontenac	5	.....	.....	.....	.....	.....	5
Grenville	10	1	3	2	1	.....	17
Grey	32	14	18	10	.....	.....	74
Haldimand	16	4	4	5	1	.....	30
Haliburton	.....	.....	.....	.....	.....	.....	.....
Halton	23	8	9	3	.....	1	44
Hastings	33	6	8	5	.....	.....	52
Huron	49	8	17	18	.....	1	93
Kent	22	16	10	6	.....	2	56
Lambton	25	12	12	12	.....	.....	61
Lanark	13	2	4	3	2	.....	24
Leeds	18	1	1	.....	.....	1	21
Lennox and Addington	8	.....	.....	2	.....	1	11
Lincoln	32	4	15	4	.....	.....	55
Middlesex	60	5	21	18	2	.....	106
Muskoka	14	2	3	1	.....	.....	20
Nipissing	15	6	6	1	.....	.....	28
Norfolk	15	5	7	4	.....	.....	31
Northumberland	33	3	3	4	.....	.....	43
Ontario	43	5	10	3	1	2	64
Oxford	45	2	15	13	.....	1	76
Parry Sound	8	1	1	.....	.....	.....	10
Peel	36	5	7	7	1	.....	56
Perth	43	7	9	10	.....	1	70
Peterborough	19	5	18	9	.....	.....	51
Prescott	5	1	1	1	.....	.....	8
Prince Edward	9	2	.....	1	.....	.....	12
Rainy River	3	.....	1	.....	.....	.....	4
Renfrew	13	2	5	.....	.....	1	21
Russell	2	.....	1	.....	.....	.....	3
Simcoe	64	18	12	14	.....	1	109
Stormont	3	.....	1	.....	.....	.....	4
Thunder Bay	3	2	3	3	.....	.....	11
Victoria	19	6	3	3	.....	.....	31
Waterloo	22	7	20	2	1	1	53
Welland	26	5	11	2	.....	.....	44
Wellington	47	4	9	18	.....	.....	78
Wentworth	66	23	13	13	.....	.....	115
York	72	13	17	10	.....	1	113
Toronto	695	120	284	51	19	69	1,238
Totals	1,867	375	656	295	31	86	3,310

APPENDIX E.

Publications by Members of the Staff.

Faculty of Arts.

Blewett, G. J.—"The Christian View of the World." (Yale Univ. Press, March 20th, 1912.)

Buchanan, M.A.—"Spanish Literature: Histories (1891-1911)." (Völlmoller's Kritischer Jahreshericht über die Fortschritte der romanischen Philologie, Vol. XII.)

Burton, E. F., in collaboration with W. B. Wiegand.—"Effect of Electricity on Streams of Water Drops." "On the Relation between the Adiabatic and Isothermal Young's Moduli of Metals." (Proc. Roy. Soc. Can. Sec. 3, 1911, pp. 17-22.)" "An Experiment to show the Mechanical Tension excited by an Electrical Charge on a Conductor." (Cambridge Phil. Soc. Jan., 1912.)

Chant, C. A.—"Ontario High School Physics and High School Laboratory Manual in Physics." (Copp Clark Co., Toronto, Jan., 1912). "Supplement to Merchant's Elementary Mechanics, dealing with the phenomena of Surface Tension and the Flow of Liquids." (Copp Clark Co., Jan., 1912.) "A series of six articles on astronomical topics, The Westminster, July to December, 1911."

Clawson, W. H.—"A Review of Lydgate's Serpent of Division" (edited by H. N. MacCracken, Oxford University Press), (Yale Review, Vol. I., No. I., October, 1911.)

Coleman, A. P.—"Canadian Rockies, New and Old Trails." (Fisher Unwin.) "Climate and Physical Conditions of the Keewatin." (Journal of Geology.)

Cudmore, S. A.—"Economics with special reference to Canadian Conditions."

Dawes, H. F.—"On the Ionisation by Collision in the Gases Helium and Argon."

Dempster, A. J.—"On the Mobilities of Ions in Air at High Pressures." (Phys. Rev., Vol. XXIV., Jan., 1912, and Proc. Roy. Soc. Can., 1911.)

DeWitt, N. W.—"Review of Birt's Jugendverse und Heimatpoesie Vergils." (Amer. Jour. of Phil., No. 128, pp. 448-458.)

Edgar, O. P., in collaboration with J. Squair.—"The Poetry of Victor Hugo." (Ginn & Co.).

Faull, J. H.—"The Cytology of the Laboulbeniales." (Annals of Botany, Vol. XXV., July, 1911.)

"The Cytology of the Laboulbenia chaetophora and L. Gyrinidarum." (Annals of Botany, Vol. XXVI., April., 1912.)

Fields, J. C.—"A Method of proving certain theorems relating to rational functions which are adjoint to an algebraic equation for a given value of the independent variable." (Transactions of the American Mathematical Society.)

"A Method of proving certain theorems relating to Adjointness." (Proceedings of the London Mathematical Society.)

"Relations connecting the branch points and the double points of an algebraic curve." (British Assoc. for the Advancement of Science.)

"Proofs of certain theorems relating to adjoint orders of coincidence." (Brit. Assoc. for the Advancement of Science.)

"Theory of the algebraic functions." (Royal Society, London.)

Fraser, C. G.—"Induced hermaphrodism in Acer negundo L. (with plate)." (June number of Torreya.)

Fraser, W. H., in collaboration with W. H. van der Smissen.—"German Grammar and Exercises." (Harrap & Co., London.)

Gordon, Miss Marjorie.—"Ray Tracheids in Sequoia Sempervirens." (New Phytologist, January, 1912.)

Hume, J. G.—"The Ethics of Freedom." (From the original shorthand notes of the late Professor George Paxton Young, M.A., LL.D., selected, translated, arranged.)

Jackson, G.—"The Missionary Idea in the Gospels." (Expository Times, November, 1911.)

Kennedy, W. T.—"On the number of Delta Particles Expelled Concurrently with each Alpha Particle." (Proc. Roy. Soc., Can., 1911.)

Kenrick, F. B.—"Some Lecture Experiments on Surface Tension."

"Some Lantern Experiments on Reactions in Non-homogeneous Systems." (Journal of Physical Chemistry.)

Keys, D. R.—"A Message from Munich." (The Ontario Educational Association. Proceedings O.E.A. Wm. Briggs, Toronto.)

Lang, A. E.—"Ontario High School German Reader." (Wm. Briggs, Toronto; 8, 118 pp.)

Lang, W. R.—"Lecture Experiment to illustrate Dust Explosions."

"The Surface Areas of certain finely divided combustible solids." In collaboration with H. Lloyd. (Proceedings of the Chemical Society, Vol. 27; No. 388.)

"Note on some metallic compounds of Substituted Ammonias." (Proceedings of the Chemical Society, Vol. 27; No. 387.)

Lefroy, A. H. F.—"Federal Constitution of Canada." (New Encyclopedia of Canada and its Provinces. Published by Robert Glasgow and The Publishers Association of Canada, Ltd.)

Mackenzie, M. A.—"Interest and Bond Values." (University Press, and C. & E. Layton, London.)

McLennan, J. C.—"Presidential Address before the Royal Society of Canada, Section III., May, 1911." (Proc. Roy. Soc., Can., 1911.)

In collaboration with E. N. Macallum.—"The Intensity of the Earth's Penetrating Radiation at different Altitudes, and a Secondary Radiation excited by it." (Proc. Roy. Soc., Can., 1911, and Phil. Mag., Oct., 1911.)

McMurrich, J. P.—"The Actiniaria of Passamaquoddy Bay." (Proceedings and Transactions of the Royal Society of Canada, Ser. 3, Vol. 4.)

"Der Mund und seine Organe." (In Handbuch der Entwicklungsgeschichte des Menschen, herausgegeben von F. Keibel und F. P. Mall, Leipzig.)

"The Life Cycles of the Pacific Coast Salmon belonging to the Genus Oncorhynchus, as revealed by their Scale and Otolith Markings." (Royal Society of Canada.)

Miller, W. L.—"The Chemical Philosophy of the High School Textbooks." (Science, N.S. Vol. XXXIV. pp. 257-263, September, 1911.)

"The effect of Diffusion on the Electromotive Force produced in solutions by Centrifugal action." (The American Electro-chemical Society, Boston meeting, April, 1912.)

Parsons, A. L.—"Gold Fields of the Lake of the Woods, Manitou and Dryden, Second Report." (Ontario Bureau of Mines.)

Pound, V. E.—"On the Secondary Rays Excited by the Alpha Rays from Polonium." (Phil. Mag., May, 1912, and University of Toronto Studies.)

Sissons, C. B.—"The University and the Schoolmaster." (University Magazine, Febr., 1912.)

Smith, G. O.—"Roman Britain." (University Magazine, Oct., 1911.)

Squair, J., in collaboration with O. P. Edgar.—"The Poetry of Victor Hugo." (Ginn & Co.)

Thompson, W. P.—"Ray Tracheids in Abies." (Botanical Gazette, April, 1912.)

Thomson, A.—"Measurements of Precision on the Penetrating Radiation of the Earth." (Proc. Roy. Soc., Can., 1911.)

Thomson, R. B.—"The Need of a Botanic Garden in Toronto." (With illustration), (Toronto Horticultural Society Report, January, 1912.)

In collaboration with A. E. Allin.—"Do the Abietineae Extend to the Carboniferous" (with plate and two text figures), (Botanical Gazette, April, 1912.)

Van der Smissen, W. H., in collaboration with W. H. Fraser.—"German Grammar and Exercises." (Harrap & Co., London.)

Walker, E. M.—"On the habits and stridulation of Idionatus brevipes. Candell and other notes on Orthoptera." (Canadian Entomologist, September, 1911.)

"The North American Dragonflies of the genus Aeshna." (University Studies, Biological Series, No. 11.)

"President's Address," (49th Ann. Rep. Ent. Soc., Ont., 1912.)

"Some Forest Insects from De Grassi Point, Lake Simcoe." (49th Ann. Rep. Ent. Soc., Ont., 1912..)

Walker, T. L.—"Recently discovered Wolframite deposits in New Brunswick." (Economic Geology, p. 396, 1911.)

"Report on the Molybdenum Ores of Canada." (Bulletin No. 93, Mines Branch, Ottawa, 1911.)

"The Gold Fields of New Ontario—translation of a paper by Walter Baelz." (Canadian Mining Journal, p. 299, 1912.)

Wallace, W. S.—"The Mythical Town of Brest." (Canadian Magazine, October, 1911.)

"The Patent Combination: An account of the First Administration of Ontario." (Canadian Magazine, January, 1912.)

"The Bibliography of Canadiana." (University Magazine, May, 1912.)

"The French Canadian Question from a Constitutional Standpoint." (Canadian Magazine, June, 1912.)

"The Review of Historical Publications relating to Canada"—in collaboration with G. M. Wrong. "Canada." (In the Historischer Jahresbericht.)

Wrong, G.M.—"The Ontario High School History of England" (a new edition of The British Nation). (Morang & Co., Toronto, 1912, pp. VIII,—536.)

"The Review of Historical Publications relating to Canada" in collaboration with W. S. Wallace. (The University Library, 1912, pp. 220.)

"Sir Daniel Wilson." (The Arbor, Jan., 1912, pp. 150-160.)

"The Relations of the Legislature to the Executive Power in Canada." (Proceedings of the American Political Science Association. 8th Annual Meeting, pp. 173-180.)

Faculty of Medicine.

Bruce, H. A.—"Cancer of the Stomach." (Canadian Medical Association Journal, September, 1911.)

"Treatment of Appendicitis." (Canadian Practitioner and Review, April, 1912.)

"Some Acute Abdominal Emergencies." (Canadian Medical Association Journal, May, 1912.)

Elliott, J. H., in collaboration with H. S. Raper.—"Note on a case of Pentosuria, presenting unusual Features." (Journal of Biological Chemistry, April, 1912.)

Henderson, V. E.—"Materia Medica and Pharmacy." (Text book. Second edition rewritten and enlarged.)

"The Functional Activity of the Heart." (Canadian Practitioner, Vol. 36. 1911, p. 672.)

Jones, E.—"Reflections on Some Criticisms of the Psycho-Analytic Method of Treatment." (American Journal of the Medical Sciences, July, 1911.)

"The Relationship between Dreams and Psychoneurotic Symptoms." (American Journal of Insanity, July, 1911.)

"Ein Beispiel von literarischer Verwertung des Versprechens." (Zentralblatt für Psychoanalyse, August, 1911.)

"Das Problem des 'Gemeinsamen Sterbens,' namentlich mit Bezug auf den Selbstmord Heinrich von Kleist's." (Zentralblatt für Psychoanalyse, September, 1911.)

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Strathy, G. S., in collaboration with G. Bates.—"The Wassermann Reaction with a Report of 300 Tests." (Canadian Journal of Medicine and Surgery, November, 1911.)
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Watt, J. C.—"The Buccal Mucous Membrane." (Anatomical Record, Vol. 5., No. 9.)
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Guess, G. A.—"Notes on Pyritic Smelting." (Engineering and Mining Journal, January 13th, 1912.)
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"The Corrosion of Boiler Tubes." (Power, Jan. 16th, 1912.)
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"Review of Bulletins 1-27, Dominion Forestry Branch, Ottawa." (Historical Publications, University of Toronto Studies.)
"Report on Forest Fire Legislation." (Canadian Forestry Association.)
"Instructions for Fire Control by Railroads." (Commission of Conservation and Railway Commission.)

AUDITOR'S REPORT.

TORONTO, 3rd September, 1912.

To the Governors of the University of Toronto:

GENTLEMEN,—Herewith I present the Financial Statement of the University for the fiscal year ending 30th June, 1912, and beg to report that all the transactions of the year upon Revenue Account and Capital Account have been duly audited and approved of.

Yours faithfully,

W. H. CROSS,
Auditor,

FINANCIAL STATEMENT.

APPENDIX I.

Balance Sheet, 30th June, 1912.

Funds.

General Endowments Fund	Schedule 1	$4,285,582 80	
Specific Endowment Funds	" 2	120,516 94	
Retirement Fund	" 3	74,059 31	
Trust Funds	" 4*a*	20,723 06	
Equipment Funds	" 4*b*	22,315 06	
Annuity Debentures	" 4*c*	919,878 94	
Contingent Funds	" 5	125,461 58	
			$5,568,537 69

Assets.

Site Lands, Buildings and Contents	Schedule 6	$4,451,353 61	
Unproductive Lands	" 7	155,341 96	
Leased Properties	" 8	727,345 97	
Investments and Cash	" 9	234,496 15	
			$5,568,537 69

Schedule 1.

General Endowments Fund.

Additions from Revenue:			
Library proper, value of additions for 1911-12, as per accession catalogue...	$14,599 50		
Less 3% depreciation upon $206,276.28..	6,188 28		
		$8,411 22	
Convocation Hall Advance:			
Restoration from proceeds of Wild Lands sales received in 1911-12, being a sixth instalment		1,248 87	
Annuity Debentures:			
Portion of 1911-12 instalments reducing principal:			
Third instalment of issue, July, 1909...	$5,690 71		
First instalment of issue, Jan., 1911...	1,368 00		
First instalment of issue, Jan., 1911...	3,157 00		
		10,215 71	
Central Power Plant:			
Restoration of repayments during the year upon actual outlays of $282,920.82		7,146 57	
Athletic Field Stadium and Equipment:			
Restoration of principal repayments during the year..		5,681 65	
Convocation Hall Organ:			
Cost of instrument as installed		19,603 11	
			$52,307 13

General Endowments Fund.—Continued.

Additions from increased Equipment:			
Pathological Building Site:			
Value of 31,252 square feet as declared by the agreement between the University and the Toronto General Hospital, 1 December, 1910, validated by 1 Geo. V., Cap. 80		38,500 00	
Library Building:			
Cost of completed extension		217,409 85	
Education Building:			
Cost of construction and equipment		194,383 47	
Renewal of lease of Lot No. 19, University Park, for 21 years from 1st July, 1912, to the Department of Public Works, Province of Ontario, at $250, an increased valuation upon a five per cent. basis of		2,200 00	
Leased land, not renewed, Lot No. 18, University Park, taken over for use by the University and charged to Site Lands at forty cents per foot, 15,681 square feet		6,272 40	
			458,765 72
Additions otherwise:			
Frontage Licenses:			
Henry Rottenberg	$335 00		
R. Home Smith	328 33		
J. F. Faudener	83 75		
		$747 08	
Sale of south half, Lot 11, Concession 1, Township of Charlotteville, to David Osborne		250 00	
Upper Canada College Block:			
To reverse entry of 30 June, 1905		172,875 40	
			173,872 48
			$684,945 33
Less.			
Museum Site Lands vested in Royal Ontario Museum under 2 Geo. V., Cap. 80		$51,002 80	
Gymnasium building demolished		36,288 46	
Pathological building equipment:			
Appropriation for equipment of new building		45,000 00	
Central Power Plant:			
Liability authorized for construction		375,000 00	
			507,291 26
			$177,654 07
Fund as per return of 30 June, 1911			4,107,928 73
Return of 30 June, 1912			$4,285,582 80

SCHEDULE 2.

Scholarship Trust Funds.

Blake, Matriculation	$27,697 14
Mackenzie Memorial Fund	18,709 60
McCharles Bequest	10,700 00
James H. Richardson Research Fellowship	10,000 00
Starr Bequest	5,608 50
George Brown, Medical Science	5,391 72

Scholarship Trust Funds.—Continued.

Pearson Kirkman Marfleet Fellowship	5,304 00	
Blake, Science and Moderns	3,750 00	
Young Memorial Fund	3,554 76	
Fulton Bequest	3,351 30	
Mary Mulock, Classics	2,838 74	
George A. Peters Scholarship	2,600 00	
A. A. A. S. Scholarship, Physics	2,350 00	
Gibson, Matriculation	2,075 00	
John Macdonald, Philosophy	2,030 00	
Moss, Classics	2,000 00	
William Mulock, Classics and Mathematics	2,000 00	
Daniel Wilson, Natural Science	2,000 00	
All Souls Historical Essay Prize	1,700 80	
Bankers', Political Science	1,200 00	
George Brown, Modern Languages	1,128 34	
William Ramsay, Political Economy	1,009 42	
Julius Rossin, German	1,000 00	
Prince of Wales, General Proficiency	950 00	
Chappell Prize	516 80	
Lyle Medal	320 82	
Reeve Scholarship	250 00	
Squair French Prose Prize	250 00	
Boiler Inspection and Insurance Company Scholarship	130 00	
Board of Trade, Commercial	100 00	
		$120,516 94

Return of 30 June, 1911	$106,902 04	
Interest written to endowments	4,271 90	
Income from bonds, Gibson Scholarship	175 00	
Income from farm, Starr Bequest	120 00	
Receipts:		
James H. Richardson Research Fellowship	10,000 00	
George A. Peters Scholarship	2,500 00	
Boiler Inspection and Insurance Co. Scholarship	130 00	
Squair French Prose Prize	250 00	
	$124,348 94	
Scholarship expenditures	3,832 00	
Return of 30 June, 1912		$120,516 94

SCHEDULE 3.

Retirement Fund, Beneficiaries, 30 *June,* 1912.

R. A. Falconer	$6,056 20	
W. J. Alexander	11,605 60	
Maurice Hutton	11,605 60	
J. G. Hume	10,810 27	
W. H. Fraser	7,087 19	
W. Lash Miller	4,492 12	
W. S. Milner	4,307 79	
T. L. Walker	3,617 86	
A. P. Coleman	2,073 38	
W. H. Ellis	2,073 38	
John Galbraith	2,073 38	
B. A. Bensley	1,467 67	
J. C. Fields	1,343 40	
W. A. Parks	1,260 25	
R. W. Angus	946 50	
J. W. Bain	890 64	
H. W. Price	628 48	
R. B. Thomson	591 20	
E. M. Walker	524 00	
E. G. R. Ardagh	499 85	
James Christie	104 55	
		$74,059 31

Retirement Fund, Beneficiaries, 30 June, 1912.—Continued.

Fund of 30 June, 1911		$76,456 06	
Contributions, 1911-12		6,516 25	
Interest		3,488 94	
		$86,461 25	
Withdrawals:			
J. Squair	$7,087 19		
J. H. Faull	1,310 71		
H. Montgomery	1,206 54		
C. T. Currelly	839 14		
T. Eakin	770 92		
V. E. Henderson	718 76		
M. C. Boswell	468 68		
		12,401 94	
Return of 30 June, 1912			$74,059 31

SCHEDULE 4*a*.

Trust Funds.

King Alfred Millenary Fund	$10,513 03	
Phillips Stewart Bequest	1,422 40	
University Studies	1,673 75	
Ontario Archaeology, Special Fund	485 00	
Botanic Garden, Special Fund	659 23	
Men's Residence Deposits	1,185 00	
Women's Residence Deposits	490 00	
Sir William Meredith Portrait Fund	1,269 60	
Dr. James Loudon Portrait Fund	1,142 73	
John Langton Memorial	30 00	
Sir William Mulock	852 32	
Thomas L. Wilson (*re* McCharles Prize)	1,000 00	
		$20,723 06

Return of 30 June, 1911	$34,110 96	
Interest appropriations	484 82	
Receipts:		
Convocation Hall Organ Fund	1,505 43	
University Studies	665 93	
Botanic Garden, Special Fund	500 00	
Women's Residence (proceeds from sales of Wild Lands, 3 Edw. VII., Cap. 36)	640 25	
Men's Residence Deposits	1,110 00	
Women's Residence Deposits	415 00	
Sir William Meredith Portrait Fund	225 00	
Thomas L. Wilson	1,000 00	
		$40,657 39
Expenditures:		
Convocation Hall Organ Fund	$15,042 26	
King Alfred Millenary Fund	314 20	
Phillips Stewart Bequest	183 73	
University Studies	313 35	
Botanic Garden, Special Fund	340 77	
Men's Residence Deposits	900 00	
Women's Residence Deposits	185 00	
Women's Residence Subscription Account	2,553 62	
Sir William Meredith Portrait Fund	1 40	
Saturday Lectures, Special Fund	100 00	
		19,934 33
Return of 30 June, 1912		$20,723 06

SCHEDULE 4*b*.

Equipment Funds.

Education Building:		
Unexpended on 30 June, 1911	$37,427 81	
Outlays during 1911-12, as per Appendix VI.	8,011 28	
	$29,416 53	
Portion of vote unused and written back to close account	5,616 53	
(Purchase money balance payable 1 Sept., 1912)		$23,800 00
Library Extension:		
Unexpended on 30 June, 1911	$9,391 70	
Further appropriations:		
Balance of issue of 15 July, 1909	10,256 79	
Balance unused of Education building vote	5,616 53	
Charged to University Press	599 53	
	$25,864 55	
Outlays during 1911-12, as per Appendix VI.	25,864 55	
Athletic Field:		
Outlays during 1911-12, as per Appendix VI.	19,534 46	
Expended during 1910-11, as per return	16,283 42	
	$35,817 88	
Unused of appropriations	182 12	
Restored to Contingent Fund (Schedule 5*a*), as per By-Law No. 22	$36,000 00	
Pathological Building:		
Unexpended on 30 June, 1911	86,827 94	
Appropriation for Equipment	45,000 00	
	$131,827 94	
Outlay during 1911-12, as per Appendix VI.	100,203 97	
		31,623 97
Central Power Plant:		
Outlays during 1911-12, as per Appendix VI.	$179,062 83	
Expended during 1910-11, as per return	103,857 99	
	$282,920 82	
Less.		
Contractors' Deposits	4,165 00	
	$278,755 82	
Appropriations	375,000 00	
		96,244 18
		$151,668 15
Museum Building:		
Unexpended 30 June, 1911	$2,059 48	
Received from Provincial Government	50,000 00	
	$52,059 48	
Outlays during 1911-12, as per Appendix VI.	181,412 57	
		129,353 09
		$22,315 06

SCHEDULE 4c.

Annuity Debentures.

Issue of July, 1909, $500,000, repayable in forty equal annual amounts of $25,260 each.	
Value as on 30 June, 1912, of the (thirty-seven) outstanding instalments	$483,541 44
Issue of January, 1911, under 1 George V., Cap. 80, for construction of Pathological building, $130,000, repayable in forty equal annual amounts of $6,568 each.	
Value as on 30 June, 1912, of the (thirty-nine) outstanding instalments	128,632 00
Accrued on 30 June, 1912, of second payment and charged to Revenue, 1911-12	3,284 00
Issue of January, 1911, under 1 George V., Cap. 80, as a grant towards construction of Toronto General Hospital, $300,000, repayable in forty equal annual amounts of $15,157 each.	
Value as on 30 June, 1912, of the (thirty-nine) outstanding instalments	296,843 00
Accrued on 30 June, 1912, of second payment and charged to Revenue, 1911-12	7,578 50
Outstanding as of 30 June, 1912	$919,878 94

SCHEDULE 5a.

Contingent Funds.

Contingent Fund (Investment Reserve):			
Fund of 30 June, 1911			$22,603 15
Superintendent's stores on hand (Appendix V)		$2,712 39	
Interim appropriations in advance for 1912-13:			
Bio-Chemistry	$759 40		
Physiology	2,818 86		
Pharmacology	169 75		
		3,748 01	
Convocation Hall Organ:			
Outlays as per Appendix VI., $19,603.11, less Organ Fund account to 30 June, 1912		4,560 85	
Museum maintenance:			
Outlays for 1911-12	$9,997 32		
Less one-half charged to Revenue, 1911-12	4,998 66		
	$4,998 66		
From return of 30 June, 1911	2,133 75		
Amount payable by Provincial Government		7,132 41	
			18,153 66
			$4,449 49
Reserve for Contingent Capital or other Expenditure:			
Return of 30 June, 1911		$106,267 74	
Restoration to this Fund of amount appropriated for Athletic Field changes		36,000 00	
		$142,267 74	
Deficit upon 1911-12 Revenue Account, as per Schedule 5c, charged to this account		21,255 65	
			121,012 09
Funds as of 30 June, 1912			$125,461 58

SCHEDULE 5*b*.

Income accrued but not due.

	30 June, 1912.	30 June, 1911.
Debentures	$5,954 61	$6,227 68
Mortgages	643 27	787 16
Park rentals	6,586 20	6,486 20
Business rentals	761 34	761 34
City of Toronto	1,500 00	1,500 00
Interest from Land Sales	1,226 11	707 03
	$16,671 53	$16,469 41
	16,469 41	
Increase	$202 12	

SCHEDULE 5*c*.

Revenue, 1911-12,

Receipts.

		Estimate.	Actual.
Legislative Grant, University Act, 1906		$448,000 00	$448,325 58
Legislative Grant, 60 Vic., Chap. 59		7,000 00	7,000 00
Provincial Grant, on account of Faculty of Education		15,000 00	15,000 00
Fees, University and College, as detailed in Appendix II		260,000 00	264,895 77
Interest:			
On Purchase Moneys		2,700 00	3,252 99
On Loans		3,300 00	3,979 07
On Debentures		12,500 00	12,615 26
On Construction advances:			
Central Power Plant	$5,448 46		
Museum Building	2,762 92		
		.....	8,211 38
On Bank Balances		2,500 00	.....
Rentals:			
University Park properties		13,000 00	13,177 90
City of Toronto payment		6,000 00	6,000 00
Sundry houses		3,000 00	2,903 28
Business properties		9,000 00	9,070 00
Sundry Earnings, Land		1,500 00	1,427 74
Men's Residence Dues		12,800 00	13,248 25
Women's Residence Dues		11,650 00	12,497 10
Dining Hall Receipts		20,000 00	29,972 51
Central Power Plant—shares of operating costs:			
Royal Ontario Museum		.....	3,337 00
Wycliffe College (on account)		.....	900 00
Carried in Accounts Receivable on account of sums due by Victoria and Wycliffe Colleges pending final adjustments		.....	7,500 00
Casual Revenue		.....	242 95
		$827,950 00	$863,556 78
Expenditure in excess of receipts		33,129 83	21,255 65
		$861,079 83	$884,812 43

Expenditures.

1. Administration	$159,006 50	$154,798 96
2. Faculty of Arts	279,838 33	278,761 50
3. " " Medicine	85,470 00	79,851 49
4. " " Applied Science	136,065 00	136,187 04
5. " " Household Science	12,910 00	11,100 40

Expenditures.—Continued.

6. Faculty of Education	$51,425 00	$52,027 37
7. " " Forestry	12,020 00	11,331 34
8. Residences and Dining Hall	36,700 00	47,140 62
9. Central Power Plant	20,195 00	48,368 72
10. Contingencies	5,000 00	2,150 25
11. Capital Account Charges	53,300 00	54,131 57
Total as per Appendix III.	$851,929 83	$875,849 26
Interest written to Trust Funds (Schedules 2, 3 and 4*a*)	9,150 00	8,245 66
Interest on overdraft at Canadian Bank of Commerce..	.....	717 51
	$861,079 83	$884,812 43

SCHEDULE 6.

Site Lands, Buildings and Contents, 30 *June,* 1912.

Site Lands:		
2,623,521 sq. feet at forty cents per foot	$1,049,408 40	
160,083 sq. feet at cost price	141,548 00	
2,783,604 sq. feet		$1,190,956 40
Buildings:		
Main building	$450,000 00	
Chemistry and Mining, with adjacent building	384,736 89	
Physics building	363,945 85	
Library building	327,425 50	
Convocation Hall and Examination Wing	214,866 22	
Education building	184,383 47	
Medical building	165,000 00	
Biological building	129,745 30	
Thermodynamics building	119,017 21	
Chemical building	77,469 88	
Engineering building	50,000 00	
Forestry building	30,101 65	
Geodetic Observatory building	12,000 27	
Men's Residences	183,521 18	
Women's Residences	46,373 77	
Y. M. C. A. building	1 00	
		$2,738,588 19
Library	$200,088 00	
Museum	1 00	
Convocation Hall Organ	19,603 11	
		219,692 11
Departmental Equipment:		
1. Faculty of Arts:		
Biological	$6,131 25	
Mineralogical	10,145 00	
Geological	7,505 00	
Chemical	14,040 00	
Physical	29,250 00	
Astro-Physics	1,635 00	
Psychological	2,700 00	
Mathematical	500 00	
Mechanics	750 00	
Physiology	12,500 00	
Botany	5,500 00	
2. Faculty of Medicine:		
Anatomy	1,340 00	
Pathology	14,975 00	
Pharmacology	2,430 00	

Site Lands, Buildings and Contents, 30 *June*, 1912.—Continued.

3. Faculty of Applied Science:			
Electrical Engineering		30,923 00	
Thermodynamics and Hydraulics		10,000 00	
Applied Mechanics		10,075 00	
Applied Chemistry		10,114 00	
Mining		16,270 00	
Surveying		12,980 00	
Architecture and Drawing		10,830 00	
Physics and Photography		4,127 00	
4. Faculty of Education		10,000 00	
			224,720 25
Furniture and Furnishings:			
Men's Residences		$14,266 30	
Women's Residences		6,131 25	
General Furniture, various buildings		11,825 00	
			$32,222 55
Athletic Field Stadium and equipment			35,817 88
Gymnasium equipment			1,800 00
Dining Hall equipment			1 00
Printing Plant			7,555 23
Total valuation			$4,451,353 61
Return of 30 June, 1911			$3,990,206 43
Additions thereto:			
Site of Pathological building, 31,252 sq. feet, as declared by agreement between the Governors of the University and the Toronto General Hospital, dated 1st Dec., 1910, and validated by 1 Geo. V., Chap. 80		38,500 00	
Lot No. 18, north side of College Street, lease surrendered, value upon basis of 40 cents per sq. foot, 15,681 sq. feet		6,272 40	
Library building extension		217,409 85	
Education building and equipment		194,383 47	
Men's Residences:			
No. 85 St. George Street, amount of account for land and building transferred from Schedule 8	$24,000 00		
Outlays 1911-12 upon building and furnishings	6,664 45		
		30,664 45	
Women's Residences:			
No. 9 Queen's Park, Outlays 1911-12 upon building and furnishings	$5,737 82		
Less subscriptions applied thereto	2,553 62		
		3,184 20	
Library proper, 1911-12 additions	$14,599 50		
Less depreciation at 3 per cent. upon $206,276.28	6,188 28		
		8,411 22	
Convocation Hall Organ		19,603 11	
Athletic Field Stadium and Equipment		35,817 88	
			554,246 58
			$4,544,453 01
Less:			
Museum Site—vested in Royal Ontario Museum by 2 Geo. V., Cap. 80, 127,507 sq. feet, upon a valuation of forty cents per foot hitherto attached in this account		$51,002 80	

Site Lands, Buildings and Contents, 30 June, 1912.—Continued.

Knox College Site—valuation of 11,786 sq. feet at forty cents per foot of strip of land leased to Knox College (transferred to Schedule 8)		4,714 40	
Gymnasium building—value written off upon demolition		36,288 46	
Printing Plant:			
Written off by transfer from operating expenses	$2,393 15		
Less additions to plant during 1911-12	1,299 41		
		1,093 74	
			93,099 40
Return of 30 June, 1912			$4,451,353 61

SCHEDULE 7.

Unproductive Lands.

Vacant land in Port Hope	$1,550 00	
Vacant lands near Belleville	1,483 00	
Endowment lands unsold in various townships	152 00	
U. C. C. Block on King and Adelaide Streets	152,156 96	
		$155,341 96

Transactions, 1911-12.

Upper Canada College Block:		
Sales during 1911-12—		
Sale No. 1	$86,462 50	
Sale No. 2	15,000 00	
Sale No. 3	48,000 00	
	$149,462 50	
Less Commission	3,744 06	
		$145 718 44
Reversal of entry of 30th June, 1905, whereby the book valuation of the above block was lessened to this extent		172,875 40
		$27,156 96
Return of 30 June, 1911		128,185 00
Return of 30 June, 1912		$155,341 96

SCHEDULE 8.

Leased Lands, etc.

Victoria College Site	$1 00	
Knox College Site	4,714 40	
Wycliffe College Site	22,000 00	
Land leased to City of Toronto	120,000 00	
Land leased to Grand Trunk Railway Co.	200,000 00	
Park land leases	243,648 00	
Toronto business properties	61,400 00	
Caradoc Farm	2,400 00	
		$654,163 40
House and land, 47 St. George Street	$10,172 95	
House and land, 69 St. George Street	20,000 00	
Building, No. 4 Queen's Park	10,500 00	
Building, No. 8 University Crescent	14,842 75	
Building, 719 Spadina Avenue	4,000 00	
Building, 721 Spadina Avenue	4,023 51	
		63,539 21

Leased Lands, etc.—Continued.

Rentals accrued but not due	$7,347 54	
City of Toronto payment accrued	1,500 00	
Wycliffe College pavement	795 82	
		9,643 36
		$727,345 97
Return of 30 June, 1911	$744,381 04	
Increase in outstanding rentals	50 53	
		744,431 57
Addition to capitalized value consequent upon renewal of lease of Lot 19, University Park	$2,200 00	
Lease of 11,786 square feet to Knox College, transferred from Schedule 6	4,714 40	
		6,914 40
		$751,345 97
Value of house and land, 85 St. George Street, transferred to Schedule 6		24,000 00
Return of 30 June, 1912		$727,345 97

SCHEDULE 9.

Investments, 30 June, 1912.

Debentures and Municipal Bonds	$306,491 13	
Interest past due	534 38	
Interest accrued but not due	5,954 61	
		$312,980 12
Loans secured by mortgages on real property	$53,674 61	
Interest past due	210 80	
Interest accrued but not due	643 27	
Insurance advance	2 88	
		54,531 56
Unpaid purchase money upon land sales	$103,662 90	
Interest past due	1 05	
Interest accrued but not due	1,226 11	
		104,890 06
Dominion Power and Transmission Co shares	$2,000 00	
Accounts Receivable:		
University Press and other accounts uncollected (net)	2,213 78	
Central Power Plant:		
Assumed on account of share of operating expenses, etc., due by Victoria and Wycliffe Colleges, subject to adjustment	7,500 00	
		11,713 78
		$484,115 52
Less:		
Overdraft at Canadian Bank of Commerce		249,619 37
		$234,496 15

Transactions, 1911-12.

Inwards.

Debenture collections	$12,349 97	
Mortgage loans repaid	14,761 56	
Purchase money collections	21,756 25	
Dominion Power & Transmision Co.	25 00	
Withdrawals from Canadian Bank of Commerce	1,473,624 20	
Debentures, Pathological building issue, amount received from Toronto General Hospital	80,000 00	
		$1,602,516 98

Transactions, 1911-12.—Continued.

Outwards.

Land Sales	$63,250 00	
Deposits in Canadian Bank of Commerce	1,187,376 41	
Increase in accrued revenue	102 12	
Increase in accounts outstanding	8,713 30	
		1,259,441 83
		$343,075 15
Return of 30 June, 1911		577,571 30
Return of 30 June, 1912		$234,496 15

APPENDIX II.

Fees, 1911-12.

Total of fees collected, 1911-12		$275,669 94
Less:—		
Sundry refunds during year	$2,742 00	
Paid to Education Department for their share of Matriculation fees	1,580 00	
Paid to Toronto General Hospital, hospital fees collected from 195 students in Medicine	4,874 99	
Paid to Hamilton Conservatory of Music *re* local examination candidates from that institution	71 75	
		9,268 74
		$266,401 20
Carried to Revenue, 1911-12 (Schedule 5*a*)		$264,895 77
Carried to Convocation Hall Organ Fund (Schedule 4*a*), being surplus fees derived from Local Examinations in Music after payment of expenses		1,505 43
		$266,401 20

Details of Fees Received, 1911-12.

Subject.	1st year.	2nd year.	3rd year.	4th year.	Miscellaneous.	Total.
I. Faculty of Arts:	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Tuition	11,996 00	8,809 00	7,279 00	6,331 00	1,283 00	35,698 00
Dispensations (Univ. College)	40 00	10 00	20 00	20 00	.....	90 00
Dispensations (University)	35 00	10 00	20 00	20 00	5 00	90 00
Honor Certificates	1 00	1 00	.....	1 00	68 00	71 00
Matriculation	120 00	5 00	.....	.....	862 00	987 00
Ad Eundem	.....	50 00	50 00	.....	20 00	120 00
Examinations	7,093 00	7,443 00	6,530 00	4,892 00	1,997 00	27,955 00
Degrees	.....	.....	.....	2,830 00	580 00	3,410 00
Chemical Laboratory Supply	170 00	117 00	92 00	60 00	10 00	449 00
Mineralogical " "	.....	38 00	22 00	.....	.....	60 00
Biological " "	108 00	90 00	200 00	300 00	.....	698 00
Physiological " "	.....	.....	56 00	170 00	.....	226 00
Physical " "	84 00	60 00	170 00	70 00	.....	384 00
Psychological " "	.....	22 00	56 00	32 00	.....	110 00
Laboratory Instruction	.....	.....	.....	.....	200 00	200 00
Library	1,060 00	780 00	686 00	578 00	7 00	3,111 00
Gymnasium (including lockers)	420 00	356 00	244 00	124 00	184 00	1,328 00
	21,127 00	17,791 00	15,425 00	15,428 00	5,216 00	74,987 00
II. Faculty of Medicine:						
Tuition	15,731 00	13,273 00	13,437 34	8,008 67	1,040 00	51,490 01
Honor Certificates	.....	.....	.....	.....	10 00	10 00
Matriculation	55 00	.....	.....	.....	10 00	65 00
Ad Eundem	.....	20 00	10 00	.....	20 00	50 00
Examination	1,648 00	1,735 00	2,047 00	1,391 00	819 00	7,640 00
Degrees	.....	.....	.....	360 00	20 00	380 00
Chemical Laboratory Supply	351 00	303 00	.....	.....	.....	654 00
Biological " "	234 00	303 00	.....	.....	.....	537 00
Physiological " "	351 00	505 00	.....	.....	.....	856 00
Medical " "	.....	.....	390 00	624 00	.....	1,014 00
Library	234 00	202 00	260 00	156 00	.....	852 00
Gymnasium	84 00	100 00	60 00	40 00	.....	284 00
	18,688 00	16,441 00	16,204 34	10,579 67	1,919 00	63,832 01

Details of Fees Received, 1911-12.—Continued.

Subject.	1st year.	2nd year.	3rd year.	4th year.	Miscellaneous.	Total.
III. Faculty of Applied Science:	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Tuition	20,639 00	19,760 00	14,312 00	10,763 00	645 00	66,119 00
Matriculation	79 00	.....	.....	.....	.....	79 00
Ad Eundem	.....	10 00	.....	.....	.....	10 00
Examinations	3,588 00	3,982 00	2,478 00	2,140 00	130 00	12,318 00
Degrees	.....	.....	.....	1,620 00	.....	1,620 00
Laboratory Supplies	.....	.....	.....	339 00	.....	339 00
Library	514 00	432 00	286 00	.....	.....	1,232 00
Gymnasium	304 00	316 00	140 00	148 00	.....	908 00
Fines	.....	180 00	.....	.....	.....	180 00
	25,124 00	24,680 00	17,216 00	15,010 00	775 00	82,805 00
IV. Faculty of Household Science:						
Tuition and Class Material	.....	63 00	80 00	70 00	2,683 00	2,896 00
Matriculation	.....	.....	.....	.....	10 00	10 00
Examinations	.....	.....	.....	.....	255 00	255 00
	.....	63 00	80 00	70 00	2,948 00	3,161 00
V. Faculty of Education:						
Tuition (Teachers in training)	.....	.....	.....	.....	4,079 00	4,079 00
Examinations	.....	.....	.....	.....	252 00	252 00
Degrees	.....	.....	.....	.....	25 00	25 00
Honor Certificates	.....	.....	.....	.....	26 00	26 00
Gymnasium	.....	.....	.....	.....	20 00	20 00
	.....	.....	.....	.....	4,402 00	4,402 00
University Schools: Tuition	.....	.....	.....	.....	22,233 50	22,233 50
	.....	.....	.....	.....	26,635 50	26,635 50
VI. Faculty of Forestry:						
Tuition	238 00	154 00	557 00	443 00	.....	1,392 00
Examinations	119 00	84 00	264 00	182 00	.....	649 00
Chemical Laboratory Supply	17 00	12 00	31 00	25 00	.....	85 00
Biological " "	29 00	18 00	62 00	50 00	.....	159 00
Physical " "	17 00	12 00	31 00	25 00	.....	85 00
Library	17 00	12 00	32 00	26 00	.....	87 00
Gymnasium	.....	.....	.....	.....	44 00	44 00
	437 00	292 00	977 00	751 00	44 00	2,501 00
VII. University Extension:						
Summer Session, 1911—						
Tuition	.....	.....	.....	.....	1,490 94	1,490 94
Examinations	.....	.....	.....	.....	95 00	95 00
	.....	.....	.....	.....	1,585 94	1,585 94
Teachers' Course—						
Tuition	.....	.....	.....	.....	108 00	108 00
Examinations	.....	.....	.....	.....	40 00	40 00
	.....	.....	.....	.....	1,733 94	1,733 94

Details of Fees Received, 1911-12.—Continued.

VIII. Departmental Fees.	Law.	Dentistry.	Music. Mus. Bac.	Music. Local.	Pharmacy.	Veterinary Science.	Agriculture.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Matriculation	230 00	215 00	.....	.....	175 00	125 00	.....	745 00
Examinations	351 00	540 00	120 00	2,599 75	420 00	195 00	50 00	4,275 75
Degrees	300 00	720 00	20 00	.....	350 00	195 00	.....	1,585 00
Honor Certificate	.....	.....	.....	476 00	.....	.....	.....	476 00
Laboratory Instruct'n	.....	408 00	.....	.....	.....	3,200 00	.....	3,608 00
Gymnasium	.....	52 00	.....	.....	4 00	.....	.....	56 00
	881 00	1,935 00	140 00	3,075 75	949 00	3,715 00	50 00	10,745 75

Summary of Fees, 1911-12.

I. Faculty of Arts:		
First year	$21,127 00	
Second year	17,791 00	
Third year	15,425 00	
Fourth year	15,428 00	
Miscellaneous	5,216 00	
		$74,987 00
II. Faculty of Medicine:		
First year	$18,688 00	
Second year	16,441 00	
Third year	16,204 34	
Fourth year	10,579 67	
Miscellaneous	1,919 00	
		$63,832 01
III. Faculty of Applied Science:		
First year	$25,124 00	
Second year	24,680 00	
Third year	17,216 00	
Fourth year	15,010 00	
Miscellaneous	775 00	
		$82,805 00
IV. Faculty of Household Science:		
Miscellaneous	$3,161 00	
		$3,161 00
V. Faculty of Education:		
Teachers in training	$4,402 00	
University Schools	22,233 50	
		$26,635 50
VI. Faculty of Forestry:		
First year	$437 00	
Second year	292 00	
Third year	977 00	
Fourth year	751 00	
Miscellaneous	44 00	
		$2,501 00
VII. University Extension:		
Miscellaneous	$1,733 94	
		$1,733 94

Summary of Fees, 1911-12.—Continued.

VIII. Departmental:		
Law	$881 00	
Dentistry	1,935 00	
Music	3,215 75	
Pharmacy	949 00	
Veterinary Science	3,715 00	
Agriculture	50 00	
		$10,745 75
		$266,401 20

Classification of Services.

Tuition Fees, Arts	$35,698 00	
Tuition Fees, Medicine	51,490 01	
Tuition Fees, Applied Science	66,119 00	
Tuition Fees, Household Science	2,896 00	
Tuition Fees, Education, Teachers in Training	4,079 00	
Tuition Fees, Education, University Schools	22,233 50	
Tuition Fees, Forestry	1,392 00	
Dispensations	180 00	
Honor Certificates	583 00	
Matriculation	1,886 00	
Ad Eundem	180 00	
Examinations	53,479 75	
Degrees	7,020 00	
Chemical Laboratory Supply	1,188 00	
Mineralogical Laboratory Supply	60 00	
Biological Laboratory Supply	1,394 00	
Physiological Laboratory Supply	1,082 00	
Physical Laboratory Supply	469 00	
Psychological Laboratory Supply	110 00	
Medical Laboratory Supply	1,014 00	
Applied Science Laboratory Supply	339 00	
Laboratory Instruction	3,808 00	
Library	5,282 00	
Gymnasium	2,640 00	
University Extension	1,598 94	
Fines	180 00	
		$266,401 20

Recapitulation.

University Fees proper	$80,804 75	
University College Fees proper	35,788 00	
Medicine	51,490 01	
Applied Science	66,119 00	
Household Science	2,896 00	
Education, including University Schools	26,312 50	
Forestry	1,392 00	
University Extension	1,598 94	
		$266,401 20

APPENDIX III.

Revenue Expenditures, 1911-12.

	Appropriation	Supplementary.	Unused.	Total.
I. Administration:				
1. Salaries	$60,783 00		$502 86	$60,280 14
2. Pensions	5,500 00			5,500 00
3. President's Office	250 00		16 25	233 75
4. Bursar's Office	1,500 00	$66 41		1,566 41
5. Registrar's Office	4,250 00		465 75	3,784 25
6. Superintendent's Office	650 00		48 44	601 56
7. Library	15,975 00	110 01		16,085 01
8. Museum	4,602 50	396 16		4,998 66
9. Gymnasium and Students' Union	3,890 00		317 62	3,572 38
10. Convocation Hall	2,330 00		196 20	2,133 80
11. Grounds	10,800 00	221 83		11,021 83
12. Examinations	25,750 00	1,145 48		26,895 48
13. Convocation Expenses	1,000 00	3 15		1,003 15
14. Receptions to Societies and University visitors	1,000 00		260 74	739 26
15. Telephones	2,476 00		152 97	2,323 03
16. Insurances	9,000 00		631 30	8,368 70
17. Advertising Expenses	900 00		10 60	889 40
18. Aid to Publications	1,400 00		1,011 22	388 78
19. University Studies	3,450 00		1,349 32	2,100 68
20. Law Costs	1,000 00		99 39	900 61
21. General Incidentals	2,500 00		1,087 92	1,412 08
22. Senate Elections	.....	.....	.....	.....
	$159,006 50	$1,943 04	$6,150 58	$154,798 96
II. Faculty of Arts:				
23. Salaries	$231,383 33		$2,279 08	$229,104 25
24. Main Building	8,005 00	2,779 10		10,784 10
25. Biological Building and Department	6,670 00		1,282 15	5,387 85
26. Sub-Department of Botany	2,840 00	89 82		2,929 82
27. Bio-Chemistry	2,500 00		130 60	2,369 40
28. Physiological Department	2,000 00	402 12		2,402 12
29. Chemical Building and Department	4,240 00	176 11		4,416 11
30. Sub-Department of Physical Chemistry	500 00	102 61		602 61
31. Physics Building and Department	7,480 00	280 22		7,760 22
32. Sub-Department of Astro-Physics	1,265 00		34 15	1,230 85
33. Geological Department	2,390 00		129 21	2,260 79
34. Mineralogical Department	2,050 00		136 87	1,913 13
35. Psychological Department	750 00		57 99	692 01
36. Mathematical Department	30 00		19 20	10 80
37. Sub-Department of Mechanics	400 00		85 20	314 80
38. Political Science	150 00		39 58	110 42
39. History	75 00		52 90	22 10
40. Italian and Spanish	50 00	45 65		95 65
41. University College Departments	2,135 00		612 31	1,522 69
42. World History	50 00		42 75	7 25
43. Trinity College Service	600 00	188 12		788 12
44. University Extension	4,275 00		238 59	4,036 41
	$279,838 33	$4,063 75	$5,140 58	$278,761 50
III. Faculty of Medicine:				
45. Salaries	$63,050 00		$2,768 40	$60,281 60
46. Retiring Allowances	2,550 00			2,550 00
47. Anatomy	2,650 00		37 12	2,612 88
48. Pathology and Bacteriology	1,850 00		53	1,849 47
49. Chemical Pathology	1,000 00		435 17	564 83
50. Pharmacy and Pharmacology	1,390 00		2 31	1,387 69

Revenue Expenditures, 1911-12.—Continued.

51. Medicine and Clinical Medicine	780 00		6 70	773 30
52. Surgery	250 00		44 37	205 63
53. Gynæcology	100 00		11 70	88 30
54. Obstetrics	50 00		50 00	
55. Ophthalmology Oto-Laryngology	100 00	$7 50		107 50
56. Hygiene	125 00		85	124 15
57. Therapeutics	75 00		20 28	54 72
58. Medical Jurisprudence	50 00		50 00	
59. Medical Building	3,875 00		136 49	3,738 51
60. Pathological Building	5,025 00		1,408 97	3,616 03
61. General Expenses	2,550 00		653 12	1,896 88
	$85,470 00	$7 50	$5,626 01	$79,851 49
IV. Faculty of Applied Science:				
62. Salaries	$101,400 00	$751 20		$102,151 20
63. C. and M. Building	5,560 00	75 28		5,635 28
64. Engineering Building	4,145 00	51 58		4,196 58
65. Thermodynamics "	2,580 00		$212 77	2,367 23
66. Geodetic Observatory Building	500 00		323 82	176 18
67. Chemistry	3,100 00		251 76	2,848 24
68. Electro-Chemistry	900 00		13 67	886 33
69. Electrical Engineering	4,400 00		2 96	4,397 04
70. Mining Engineering	3,900 00	2 17		3,902 17
71. Mechanical Engineering	1,800 00		2 69	1,797 31
72. Applied Mechanics	1,500 00		66 18	1,433 82
73. Surveying	1,055 00		43 36	1,011 64
74. Architecture and Drawing	1,250 00	903 39		2,153 39
75. Physics and Photography	2,075 00		341 79	1,733 21
76. Metallurgy	250 00		23 26	226 74
77. General Expenses	1,650 00		379 32	1,270 68
	$136,065 00	$1,783 62	$1,661 58	$136,187 04
V. Faculty of Household Science:				
78. Salaries	8,150 00			8,150 00
79. Household Science Building and Department	4,760 00		$1,809 60	2,950 40
	$12,910 00		$1,809 60	$11,100 40
VI. Faculty of Education:				
80. Salaries	$39,000 00		$278 34	$38,721 66
81. Education Building and Department	12,425 00	$880 71		13,305 71
	$51,425 00	$880 71	$278 34	$52,027 37
VII. Faculty of Forestry:				
82. Salaries	$7,950 00			$7,950 00
83. Forestry Building and Department	4,070 00		$688 66	3,381 34
	$12,020 00		$688 66	$11,331 34

Revenue Expenditures, 1911-12.—Continued.

VIII. Residences and Dining Hall:				
84. Men's Residences	$5,075 00	$680 84		$5,755 84
85. Women's Residences	10,625 00	871 07		11,496 07
86. Dining Hall	21,000 00	8,888 71		29,888 71
	$36,700 00	$10,440 62		$47,140 62
IX. 87. Central Power Plant ...	$20,195 00	$28,173 72		$48,368 72
X. 88. Contingencies	$5,000 00		$2,849 75	$2,150 25
XI. 89. Capital Account Charges.	$53,300 00	$831 57		$54,131 57

Recapitulation:

I. Administration	$159,006 50	$1,943 04	$6,150 58	$154,798 96
II. Faculty of Arts	279,838 33	4,063 75	5,140 58	278,761 50
III. Faculty of Medicine	85,470 00	7 50	5,626 01	79,851 49
IV. Faculty of Applied Science	136,065 00	1,783 62	1,661 58	136,187 04
V. Faculty of Household Science	12,910 00		1,809 60	11,100 40
VI. Faculty of Education	51,425 00	880 71	278 34	52,027 37
VII. Faculty of Forestry	12,020 00		688 66	11,331 34
VIII. Residences and Dining Hall	36,700 00	10,440 62		47,140 62
IX. Central Power Plant	20,195 00	28,173 72		48,368 72
X. Contingencies	5,000 00		2,849 75	2,150 25
XI. Capital Account Charges...	53,300 00	831 57		54,131 57
	$851,929 83	$48,124 53	$24,205 10	$875,849 26
		24,205 10		
		$23,919 43		
	$23,919 43			
Total Expenditure under appropriations	$875,849 26			

1. Administration.

1. *Salaries.*

President's Office.

Dr. R. A. Falconer, President, 12 mos. to 30th June	$8,000 00	
Dr. R. Ramsay Wright, Vice-President, 12 mos. to 30th June (paid also as Professor of Biology)	500 00	
Miss A. W. Patterson, President's Secretary, 12 mos. to 30th June	1,200 00	
		$9,700 00

Bursar's Office.

F. A. Mouré, Bursar, 12 mos. to 30th June	$3,300 00	
T. A. Reed, Accountant, 12 mos. to 30th June	1,500 00	
H. J. Bolitho, Fees Clerk, 12 mos. to 30th June	1,500 00	
Miss A. M. Gall, Clerk and Stenographer, 12 mos. to 30th June	850 00	
Miss K. W. Huntington, Clerk and Stenographer, 12 mos. to 30th June	750 00	
A. C. McCaul, Office Assistant, 12 mos. to 30th June	650 00	
W. R. Hamilton, Office Assistant, 12 mos. to 30th June, $600; bonus for extra services, $50	650 00	
		$9,200 00

1. *Salaries.*—Continued.

Registrar's Office.

J. Brebner, Registrar, 12 mos. to 30th June	$2,900 00	
A. B. Fennell, Assistant Registrar, 12 mos. to 30th June	1,100 00	
Miss E. M. Dickson, Clerk, 12 mos. to 30th June	850 00	
Miss N. MacKenzie, Minute Clerk, 12 mos. to 30th June	600 00	
Stenographers:		
Miss M. McMillan, 12 mos. to 30th June	575 00	
Miss A. S. Meen, 12 mos. to 30th June	575 00	
Miss E. M. Sharpe, 12 mos. to 30th June	500 00	
Miss J. R. White, 12 mos. to 30th June	500 00	
Miss H. Bartlet, Clerk of Records, 12 mos. to 30th June	500 00	
Miss M. J. Helson, Clerk, 12 mos. to 30th June	500 00	
		$8,600 00

Superintendent's Office.

G. Campbell, Superintendent of Buildings and Grounds, 12 mos. to 30th June	$2,700 00	
A. D. LePan, Assistant Superintendent, 12 mos. to 30th June	1,500 00	
Miss M. Duncan, Stenographer, 12 mos. to 30th June	600 00	
Miss Ada Kidd, Stenographer, 12 mos. to 30th June	500 00	
J. A. Payne, Clerk, 12 mos. to 30th June	500 00	
W. L. D. Carnie, Clerk, 12 mos. to 30th June	450 00	
		$6,250 00

Library.

H. H. Langton, Librarian, 12 mos. to 30th June, (absent on sick leave from 1st January)	$3,000 00	
G. H. Needler, honorarium as Acting Librarian, 1st January to 30th June (paid also as Associate Professor of German)	250 00	
Miss G. Buchan, First Assistant, 12 mos. to 30th June	1,000 00	
Assistants at $700 per annum:		
Miss E. Creighton, 12 mos. to 30th June	700 00	
Miss H. Fairbairn, 12 mos. to 30th June	700 00	
Assistants at $600 per annum:		
Miss G. Cayley, 12 mos. to 30th June	600 00	
Miss J. Forrest, 12 mos. to 30th June	600 00	
Mrs. A. C. Jones, 12 mos. to 30th June	600 00	
Miss H. G. B. Woolryche, 12 mos. to 30th June	600 00	
Miss A. H. Young, Cataloguer, 12 mos. to 30th June	1,000 00	
Miss E. V. Bethune, Assistant Cataloguer, 12 mos. to 30th June	700 00	
Miss E. Aldridge, Typewriting Assistant to Cataloguer, 12 mos. to 30th June	500 00	
Miss L. M. Mason, Order and Accession Clerk, 12 mos. to 30th June	700 00	
Delivery Clerks at $500 per annum:		
Miss M. L. Newton, 12 mos. to 30th June	500 00	
Miss J. McNaughton, 1st October to 30th June	375 00	
		$11,825 00

Museum.

H. Montgomery, Curator of General Museum, 6 mos. at $2,750.—$1,375; on retiring allowance of $1,775, 6 mos. from 1st January, $888	$2,263 00	
C. T. Currelly, Director of Archaeological Section, 12 mos. to 30th June	2,900 00	
		$5,163 00

1. *Salaries.*—Continued.

Gymnasium.

J. W. Barton, Physical Director and Secretary of Athletic Directorate, 12 mos. to 30th June	$2,000 00	
A. Williams, Instructor, 12 mos. to 30th June	1,100 00	
E. A. Chapman, temporary substitute for Instructor during illness	100 00	
		3,200 00

General Service.

R. Martin, Bedel, 12 mos. to 30th June	$1,220 00	
W. H. Fox, Mechanician, 12 mos. to 30th June	1,000 00	
T. Holmes, 1st July to 30th September at $850 (transferred to day labor)	212 50	
Constables:		
J. Christie, 12 mos. to 30th June, $1,000; allowance towards pension fund, $100	1,100 00	
D. Forbes, 12 mos. to 30th June, $700; 2 days in 1910-11, $4.19	704 19	
Nightwatchmen:		
R. Dalley, 1st July to 15th October at $700 per annum	204 19	
R. Fraser, 16th October to 31st December at $700 per annum	145 85	
H. Henderson, 30 December to 6 June at $700 per annum	307 26	
W. H. Pooley, 7th to 30th June at $700 per annum	46 67	
H. McIntosh, 1st July to 29th February at $700 per annum	466 72	
A. Stevens, 29th February to 15th April at $600 per annum, $76.67; 16th April to 30th June at $700, 145.85	222 52	
J. Prattis, 1st July to 27th September at $700 per annum	169 19	
A. W. Linington, 1st October to 15th April at $700 per ann.	379 21	
J. Humphreys, 24th April to 31st May at $600—$61,67; 1st to 15th June at $700—$29.17	90 84	
H. Waters, 16th to 30th June at $700 per annum	29 17	
Occasional service, relieving: T. Richardson, $4; D. Cairncross, $18, A. W. Linington, $21.83	43 83	
		6,342 14
		$60,280 14

2. *Pensions.*

James Loudon, LL.D., annual pension	$5,500 00	
		$5,500 00

3. *President's Office.*

Postage and Incidentals ($233.75):		
Annual Review Publishing Co., review 1910	$3 50	
Wm. Briggs, printing report	76 35	
President R. A. Falconer, for petty disbursements	25 00	
University Press, printing and stationery	125 45	
Petty items (3)	3 45	
		$233 75

4. *Bursar's Office.*

Office supplies, postage, printing and incidentals ($899.91):		
Bain & Cubitt, Ltd., stationery	$9 00	
Brown Bros, cancelling stamp	15 00	
Burroughes Adding Machine Co., inspection and supplies	9 25	
The Bursar, petty disbursements, $75.00; postage, $175.00	250 00	
Five-in-One Letter Envelope Co., envelopes	14 75	
Chas. E. Goad, city atlas	42 50	
Grand & Toy, cheque books, stationery and supplies	144 00	
Might Directories, Ltd., city directory	7 50	
Moir & Warren, fyling supplies and stationery	25 85	

4. *Bursar's Office.*—Continued.

Munson Supply Co., typewriter supplies		8 00	
Office Specialty Mfg. Co., fyling cabinet, etc.		17 23	
Wm. Tyrrell & Co., dictionaries		5 50	
United Typewriter Co., rent of typewriter, $12.00; supplies, $6.50		18 50	
University Press, blank books, printing and supplies		330 33	
Petty items (2)		2 50	
Clerical Assistance ($166.50):			
Miss A. Cuthbert, 6 2-3 weeks		66 50	
Mrs. A. J. Hawthorne, 2 weeks		20 00	
Miss E. W. Mills, 3 weeks		30 00	
Miss P. M. Tweedle, 5 weeks		50 00	
Auditor's Remuneration ($500.00)			
W. H. Cross, auditor		500 00	
			$1,566 41

5. *Registrar's Office.*

Stationery and office supplies ($662.50):			
Might Directories Ltd., city directory		$7 50	
National Typewriter Co., supplies		19 75	
Office Specialty Mfg. Co., fyling cabinet		109 53	
Photography, Dept. of, prints and maps		26 45	
The Registrar, petty disbursements		122 87	
United Typewriter Co., typewriter		70 00	
University Press, stationery and supplies		290 30	
Petty items (2)		1 35	
Superintendent's Dept., material		14 75	
Postage ($1,000.00):			
The Bursar, postage supplied		1,000 00	
Printing, other than Calendar ($313.45):			
University Press		313 45	
Printing Calendar and Curricula ($1,808.30):			
University Press	$1,853 30		
Less received for advertising in Curricula..	45 00		
		1,808 30	
			$3,784 25

6. *Superintendent's Office.*

Office supplies, printing and postage ($601.56):			
Copeland-Chatterson-Crain Co., blank books, stationery		$37 20	
C. Gripton, rubber stamps		9 90	
Library Bureau of Canada, fyling cabinet		31 50	
Might Directories Ltd., city directory		7 50	
Munson Supply Co., typewriter supplies		8 00	
Office Specialty Mfg. Co., office furniture and fyling supplies		42 83	
Photography, Dept. of, blueprints and plans		8 16	
Remington Typewriter Co., typewriter, $70.28; inspection, $4.50		74 78	
Simplex Devices Ltd., adding machine		25 00	
R. C. Street, clerical assistance, 2 nights		5 00	
Students' Book Dept., books		11 90	
United Typewriter Co., inspection		9 00	
University Press, stationery and supplies		249 88	
Freight charges, $4.00; postage, $63.00		67 00	
Petty items (8)		10 91	
Superintendent's Dept., material		3 00	
			$601 56

7. Library.

(*a*) Maintenance of Building:

Light ($278.28):		
Toronto Electric Light Co., electric current	$127 08	
Consumers' Gas Co., gas	151 20	
Water ($68.78):		
City Treasurer, water	68 78	
Caretaker's supplies ($70.10):		
Superintendent's Dept., supplies	70 10	
Cleaning (576.75):		
Allen Mfg. Co., washing towels	3 81	
Canadian Window Cleaning Co., cleaning windows	24 10	
Pay lists: wages of cleaners	548 84	
Repairs and Renewals ($556.04):		
City Treasurer, elevator license	2 00	
Common Sense Mfg. Co., exterminating rats	5 00	
Elevator Specialty Co., repairs to elevator	61 93	
Higgins Mfg. Co., screens	18 50	
Johnson Temperature Regulating Co., repairs to regulators	2 35	
Otis-Fensom Elevator Co., repairs to elevator	23 40	
R. Robertson & Sons, repairs to piping	2 80	
Freight charges	50	
Superintendent's Dept., labor, $193.30; material, $258.41	451 71	
	$568 19	
Less sundry credits	12 15	
	$556 04	
Caretaker, S. H. Fussell, 12 months to 30th June (with rooms, fuel and light)	650 00	
		$2,199 95

(*b*) General Library Appropriation:

Books and periodicals, binding and office supplies ($13,885.06):		
Academy of Natural Sciences of Philadelphia	$20 95	
Actuarial Society of America	4 00	
American Association for Labor Legislation	5 03	
American Historical Review	3 00	
American Library Association	5 03	
American Society for Mechanical Engineers	15 00	
American Society for Testing Materials	10 06	
Boston Book Company	5 88	
Albert Britnell	1 25	
F. A. Brockhaus	3,071 85	
Burlington Fine Arts Club	100 00	
Canada Law Book Co.	29 50	
Canadian Forestry Association	1 00	
Canadian Parliamentary Guide	2 00	
C. D. Cazenove & Son	1,931 68	
St. E. de Champ	3 35	
Honore Champion	2 05	
The Champlain Society	10 00	
Charities Publication Committee	2 68	
Cedric Chivers	95	
T. &. T. Clark	5 62	
Concrete Institute	5 21	
Wm. Dawson & Sons, Ltd.	415 33	
Gustav Fock	142 69	
R. Friedlander & Son	7 16	
Henry Frowde	31 50	
J. P. Garneau	1 68	

7. *Library.*—Continued.

Gauthier-Villars	5 02	
Geological Society of America	3 50	
Ginn & Co.	1 73	
Otto Harrassowitz	140 23	
W. Heffer & Sons	15 20	
Karl W. Hiersemann	27 78	
John Hopkins Press	50	
Archer B. Hulbert	40 00	
Institute of Mining and Metallurgy	2 61	
International Magazine Co	55 15	
S. Lapi	12 81	
Ernest Leroux	1 98	
Librairie Beauchemin, Ltd.	5 10	
Libreria Internazionale	120 60	
Military Service Institute	2 50	
National Education Association	2 00	
National Municipal League	5 00	
Ontario Library Association	2 00	
Auguste Picard	57	
E. Garcia Rico	63 04	
The Round Table	2 50	
Charles Scribner's Sons	6 45	
Students' Book Department	1,243 93	
Victoriano Suarez	9 77	
J. Terquem et Cie.	2,148 75	
The Times Book Club	24 39	
Torch Press	5 34	
University of Chicago Press	43 59	
University of Pennsylvania Museum	10 48	
Ursulines des Trois-Rivieres	3 50	
Hubert Welter	12 00	
Wistar Institute of Anatomy and Biology	109 90	
World Peace Foundation	1 00	
Wm. Briggs, binding	691 55	
The Bursar, postage supplied	179 50	
The Librarian, disbursements:		
Book deposits refunded, $77.00; freight, etc., $5.74; car-tickets and sundries, $5.75; to be accounted for in 1912-13, $13.37	101 86	
Library Bureau of Canada, library supplies	20 93	
Might Directories Ltd., city directory	7 50	
Monarch Typewriter Co., typewriters, $140.78; inspecting machines, $11.25	152 03	
Munson Supply Co., typewriter supplies	8 00	
Office Specialty Mfg. Co., cabinet, etc.	11 20	
United Typewriter Co., inspecting machines	9 00	
University Press, binding, $2,295.98; printing and stationery, $679.45	2,975 43	
Freight charges	107 01	
Petty items (3)	3 80	
Superintendents Dept., labor, $175; material, $2.25	4 00	
	$14,235 18	
Received from the Librarian for fines, book deposits, etc., collected	350 12	
		$13,885 06
		$16,085 01

8. *Museum.*

(*a*) Maintenance of Building:

Share of Heat and Light from Central Power House	$3,337 00	
City Light and occasional fuel ($153.63):		
Toronto Electric Light Co., electrical current	117 01	
Connell Anthracite Mining Co., fuel	36 62	

8. *Museum.*—Continued.

Caretaker's supplies ($41.35):			
Superintendent's Dept., supplies		41 35	
Sundries ($78.80):			
Wm. Bartlett & Son, awnings		10 00	
W. A. Wood, watchman's clock		35 00	
Freight charges		35	
Superintendent's Dept., labor, $2.70; material, $30.75		33 45	
Nightwatchmen at $700.00 per annum:			
A. Miller, 3 mos. and 8 days to 8th Oct.	$190 36		
R. Fraser, 7 days to 15th Oct.	13 43		
R. Dalley, 6 mos. and 9 days to 24th Apr.	367 54		
J. Prattis, 2 mos. and 6 days to 30th June	128 35		
A. W. Linington, relieving, 2 nights	4 00		
		703 68	
			$4,314 46
(*b*) Maintenance of Department of Archaeology:			
Assistants, etc. ($3,414.10):			
Cataloguer, Miss Mabel Newton, 12 mos. to 30th June		$600 00	
Carpenter and Caretaker, A. Gillan, 12 mos. to 30th June		720 00	
Cabinet Maker, R. Ferguson, 12 mos. to 30th June		720 00	
Joiners: A. Walters, 10½ mos. to 15th May		527 50	
A. Duncan, 180 hrs. at 37c. to 30th June		66 60	
Extra Carpenters: R. McBride, 4 mos. to 17th April		240 00	
John Todd, 3 mos. to 30th June		180 00	
Attendant: Abderrahmann ibn Gadulla, 12 mos. to 30th June		360 00	
Freight and shipping charges ($841.14):			
E. W. Morgan & Co., European shipping charges		780 09	
Freight paid in Toronto		61 05	
Supplies and Incidentals ($636.00):			
Aikenhead Hardware Ltd., tools and hardware		111 61	
S. M. Burt, hardware		13 00	
C. T. Currelly, disbursements:			
Supplies, $29.45; cablegrams, etc., $22.96; coal oil, etc., $17.14; postage and express, $15.66; stoves, etc., $8.02; mats, $7.00; drygoods, $6.40; tools, $3.70; car fares, $3.70; china mending, $3.00; sundries, $11.18		128 21	
City Storage, Ltd., cartage		9 90	
T. Eaton Co., Ltd., books		10 08	
Littleford & Co., repairs		25 00	
Mackenzie & Co., glass		32 01	
E. W. Morgan & Co., cloth		46 10	
Murray-Kay, Ltd., cloth		16 30	
Photography, Dept. of, slides		6 90	
Pilkington Bros., Ltd., glass		30 22	
J. G. Ramsey & Co., card cutter		10 00	
L. Rawlinson, lumber		36 87	
A. J. Reading, slides		17 75	
Robert Simpson Co., models, etc.		24 50	
A. R. Williams Machinery Co., rental of fan, $25.00; tools, $19.88		44 88	
University Press, stationery and printing		16 35	
Superintendent's Dept., labor, $40.27; material, $9.69		49 96	
Petty items (4)		6 36	
			$4,891 24
(*c*) General Expenses ($791.62):			
Insurance on Museum contents:			
Alliance Assurance Co.	$127 50		
Liverpool & London & Globe Ins. Co.	170 00		

8. *Museum.*—Continued.

London & Lancashire Fire Ins. Co.	170 00		
Royal Insurance Co.	127 50		
Sun Insurance Office	85 00		
	$680 00		
Less rebate on cancelled policy	21 05		
		$658 95	
Bell Telephone Co., service to 30th June		47 67	
Speight & VanNostrand, survey of site		85 00	
			791 62
			$9,997 32
Less one-half payable by Provincial Government, carried to Schedule 5*a*			4,998 66
			$4,998 66

9. *Gymnasium and Students' Union.*

(*a*) Maintenance of Building:			
Gas, city current and occasional fuel ($78.64):			
Connell Anthracite Mining Co., fuel	$32 26		
Consumers' Gas Co., gas	89 88		
Toronto Electric Light Co., electrical current	7 00		
	$129 14		
Less paid by Societies, etc.	50 50		
		$78 64	
Water ($183.24):			
City Treasurer, water		183 24	
Caretaker's supplies ($16.32):			
Superintendent's Department, supplies		16 32	
Cleaning ($315.76):			
Pay lists, wages of cleaners	$334 39		
Less paid by Societies, etc.	18 63		
		315 76	
Repairs and Renewals ($361.61):			
Bell Telephone Co., moving telephone		2 00	
R. Robertson & Sons, repairs to drain		126 55	
Superintendent's Dept., labor, $97.61; material, $159.85		257 46	
		$386 01	
Less sundry credits		24 40	
		$361 61	
Caretaker, George Hare, 12 mos. to 30th June		750 00	
			$1,705 57
(*b*) Aid to Athletics:			
Grant to Athletic Association ($800.00):			
University Athletic Association		$800 00	
Instruction in swimming ($800.00):			
G. H. Corsan, services as instructor		800 00	
Gymnastic Appliances, etc. ($266.81):			
Wm. Cane, apparatus		37 00	
G. H. Corsan, apparatus		18 00	
J. F. Hartz Co., rubber		1 75	
Ingram & Bell, stethoscope		2 75	
Percy A. McBride, basket ball		6 00	
University Press, cards		22 50	
Harold A. Wilson Co., appliances		141 69	
Superintendent's Dept., labor, $29.67; material, $7.45		37 12	
			1,866 81
			$3,572 38

10. *Convocation Hall.*

Light ($93.25):			
Toronto Electric Light Co., electrical current		$93 25	
Water ($81.54):			
City Treasurer, water		81 54	
Caretaker's Supplies ($88.15):			
Superintendent's Dept., supplies		88 15	
Cleaning ($475.46):			
Allen Mfg. Co., laundry		2 72	
Pay lists, wages of cleaners		472 74	
Repairs and Renewals $1,042.90):			
Central Electric and School Supply Co., lantern		32 40	
G. Duthie & Son, repairs to roof		160 30	
Johnson Temperature Regulating Co., repairs to pump		1 80	
A. Matthews, Ltd., repairs to roof		102 76	
R. Robertson & Sons, repairs to drain		6 00	
Superintendent's Dept., labor, $393.35; material, $346.29		739 64	
		$1,781 30	
Caretaker, S. J. Apted, 12 mos. to 30th June (with house, heat and light)		700 00	
		$2,481 30	
Less amounts received from Societies, etc.		347 50	
			$2,133 80

11. *Grounds.*

Labor, gravel, roadways, walks, flowers and shrubs ($9,550.36):			
Aikenhead Hardware, Ltd., hardware		$11 08	
Brobst Forestry Co., tree surgery		85 00	
Canadian Davey Tree Expert Co., tree surgery		127 48	
Canada Foundry Co., fence panels		86 70	
Collett's Carriage Works, blacksmithing		27 35	
Dunlop Tire and Rubber Goods Co., bicycle tires		6 25	
Eco Magneto Clock Co., dials for signal system		9 00	
W. T. Folliott, repairs to messenger's bicycle		8 55	
J. H. McCabe, fodder		108 80	
Ontario Lime Association, tiles		5 08	
Geo. Pearsall & Son, tools, lawn mowers, etc.		161 50	
R. Robertson & Son, Ltd.:			
Grading and roadways	970 00		
Concrete walks	623 07		
Culverts and drains	752 97		
		2,346 04	
J. A. Simmers, seed		7 45	
R. Simpson Co., Ltd., coat		7 00	
Steel Briggs Seed Co., seed, etc.		128 25	
Street Gas Lamp Dept., fixtures		31 00	
W. H. Thomson, teaming		610 49	
Petty items (8)		11 15	
Superintendent's Dept., labor, $5,273.45; material, $998.99		6,272 44	
		$10,050 61	
Less received from L. K. Comstock, *re* restoration of grounds	$383 23		
Societies, etc., for cartage	47 02		
Victoria College, distilled water, $4.50; snow removal, $10.00	14 50		
Sale of wood, gravel and old material	55 50		
		500 25	
		$9,550 36	
Foreman Gardener, G. Trotter, 12 mos. to 30th June		800 00	

11. *Grounds.*—Continued.

Protective Service, $368.60 (additional to constables and watchmen on salary list):		
A. W. Linington, extra summer constable, 24½ wks.....	271 25	
Patrol service, 31st October, 2 men	5 00	
	$276 25	
Less paid by Societies for constables at functions...	29 00	
	$247 25	
Malcolm McBain, constables' uniforms	113 50	
R. McClelland, constable's fur cap	7 85	
Landscape Improvement ($302.87):		
Surveys and plans:		
S. R. Crerar	192 50	
Jas. C. Murton	32 30	
C. R. Redfern	50 00	
Photography, Dept. of, blue prints	7 83	
Petty items (2)	1 49	
Superintendent's Dept., labor	18 75	
		$11,021 83

12. *Examinations.*

(a) Remuneration to Examiners:

Name.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Abbott, A. H.	55 63	.....	10 00	.....	65 63
Adams, O. F.	.....	.....	10 50	.....	10 50
Aikins, H. W.	30 00	.....	.....	.....	30 00
Aldous, J. E. P.	74 35	25 00	.....	.....	99 35
Alexander, W. J.	88 25	.....	.....	.....	88 25
Allan, F. B.	77 50	.....	.....	.....	77 50
Amyot, J. A.	47 25	.....	.....	.....	47 25
Anderson, G. R.	197 75	.....	.....	.....	197 75
Anderson, H. B.	45 00	.....	.....	.....	45 00
Anger, J. H.	65 80	.....	.....	.....	65 80
Angus, R. W.	131 00	.....	.....	.....	131 00
Ardagh, E. G. R.	18 50	.....	6 00	.....	24 50
Arkley, L. M.	78 00	.....	4 50	.....	82 50
Atkinson, G. D.	30 00	12 05	.....	.....	42 05
Auger, C. E.	79 50	.....	18 00	.....	97 50
Bailey, C. T.	10 25	.....	.....	.....	10 25
Baillie, W. H. T.	.....	.....	.....	17 00	17 00
Bain, J. W.	135 25	.....	.....	.....	135 25
Baines, A. M.	17 50	.....	.....	.....	17 50
Baker. A.	241 88	.....	.....	.....	241 88
Balbaud, P.	49 25	.....	.....	.....	49 25
Ball, Miss A. I. N.	34 59	.....	1 50	.....	36 09
Ballard, W. H.	.....	2 75	10 00	.....	12 75
Barton, H.	43 50	.....	.....	.....	43 50
Barton, J. W.	40 75	.....	.....	.....	40 75
Beatty, S.	100 48	.....	.....	.....	100 48
Bell, A, J.	166 95	.....	.....	.....	166 95
Bell, J. J.	85 75	.....	.....	.....	85 75
Bensley, B. A.	18 50	.....	.....	.....	18 50
Benson, Miss C. C.	33 75	.....	.....	.....	33 75
Benson, H. W.	20 00	.....	.....	.....	20 00
Bethune, C. J. S.	23 25	.....	.....	.....	23 25
Bingham. G. A.	45 00	.....	.....	.....	45 00
Bishop, C.	.....	.....	.....	24 00	24 00
Blachford, F. E.	10 00	.....	.....	.....	10 00
Blackstock, G.	7 00	.....	.....	.....	7 00
Blackwood, W. C.	.....	.....	9 00	.....	9 00
Blair, W. S.	20 25	.....	.....	.....	20 25
Blewett, G. J.	71 75	.....	30 00	.....	101 75
Bluethner, W. A.	30 00	8 70	.....	.....	38 70
Bocking, W. R.	36 21	.....	.....	.....	36 21
Boddington, D. H.	55 00	.....	24 00	.....	79 00
Boswell, M. C.	126 75	.....	.....	.....	126 75
Bowen, S. D.	.....	.....	.....	18 00	18 00
Bowes, F. N.	.....	.....	.....	22 50	22 50
Boyd, G.	19 50	.....	.....	.....	19 50
Bracken, G. R.	.....	.....	.....	22 50	22 50
Bramfitt, G. N.	88 50	.....	.....	.....	88 50
Brett, G. S.	101 88	.....	.....	.....	101 88
Brock, W. M.	.....	.....	9 00	.....	9 00
Brodie, T G.	81 75	.....	.....	.....	81 75
Broome, E.	20 00	.....	.....	.....	20 00
Brown, A. G.	73 25	.....	.....	.....	73 25
Brown, C. W.	.....	.....	75 25	.....	75 25
Buchanan, M. A.	56 75	.....	.....	.....	56 75
Burns, S. S.	.....	.....	.....	7 00	7 00
Burson, E. C.	45 00	.....	.....	.....	45 00

12. *Examinations.*—Continued.

(a) Remuneration to Examiners:

Name.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Burt-Gerrans, J. T.			6 00		6 00
Burton, E. F.	106 12				106 12
Cameron, I. H.	45 00				45 00
Cameron, J. H.	132 75				132 75
Cameron, M. H. V.	45 00	4 46	46 50		95 96
Campbell, J. D.		1 85	5 00		6 85
Carr, H.	19 75				19 75
Carruthers, A.	57 13		54 50		111 63
Cavan, W. P.	60 00				60 00
Chambers, G.	60 00				60 00
Chant, C. A.	84 75				84 75
Clarke, C. K.	5 00				5 00
Clarkson, F. A.	32 25				32 25
Clawson, W. H.	76 25		18 00		94 25
Coatsworth, R. C.				37 50	37 50
Cochrane, R. B.		2 00	2 50		4 50
Cockburn, J. R.	171 50				171 50
Coghill, J. B.				41 50	41 50
Coghlan, F. T.	32 25				32 25
Coleman, A. P.	141 75				141 75
Coleman, H. T. J.	207 00		39 00		246 00
Colwill, E. R.				46 00	46 00
Cooch, H. A.			21 00		21 00
Coombs, F. E.	119 75		36 00		155 75
Cooper, A. R.	12 50				12 50
Corbett, L. H.	99 25				99 25
Cornish, G. A.	140 50				140 50
Cosgrave, F. H.	6 00				6 00
Crawford, H. J.	111 75				111 75
Crawford, J. T.	86 50				86 50
Crerar, S. R	48 00				48 00
Cringan, A. T.	10 00	4 45			14 45
Crosby, T. H.			7 50		7 50
Cudmore, S. A.	118 05		72 00		190 05
Cunningham, R. A.			10 50		10 50
Davidson, R.	12 75				12 75
Dawes, H. F.	15 60				15 60
Day, G. E.	14 50				14 50
Day, W. H.	56 50				56 50
De Beaumont, V.	156 50		22 50		179 00
De Champ, St. E.	262 75				262 75
De Laporte, A. V.			9 00		9 00
De Lury, A. T.	239 60				239 60
De Witt, N. W.	128 33				128 33
Dickson, Miss A. I.			1 50		1 50
Di Pietro, N.	59 75		19 50		79 25
Dix, G. H.				17 00	17 00
Dixon, L. A.				22 50	22 50
Duckworth, H. T. F.	31 63		27 00		58 63
Duncan, J. H.	66 25				66 25
Dushman, S.	27 00				27 00
Dwyer, R. J.	60 00				60 00
Dyer, F. C.			13 50		13 50
Eadie, Miss E. M.	72 00				72 00
Eakin, T.	114 75		77 50		192 25
Earp, W. A.				18 50	18 50
Eastman, J. W.	18 75				18 75

12. *Examinations.*—Continued.

(a) Remuneration to Examiners:

NAME.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Edgar, Pelham	79 75	.....	19 50	.....	99 25
Edwards, S F.	15 25	.....	.....	.....	15 25
Elliott, J. H	33 00	.....	.....	.....	33 00
Ellis, W. H	169 75	.....	.....	.....	169 75
Evans, G. A	27 50	.....	.....	.....	27 50
Fairclough, W. E	52 05	.....	.....	.....	52 05
Falconbridge, J. D	52 00	.....	.....	.....	52 00
Faull, J. H	54 38	.....	.....	.....	54 38
Fear, W. J	16 50	.....	.....	.....	16 50
Fenton, F	16 75	.....	.....	.....	16 75
Ferguson, C. S	.....	.....	.....	26 00	26 00
Ferguson, W. C	66 75	.....	.....	.....	66 75
Fernow, B. E	26 75	.....	.....	.....	26 75
Fields, J. C	74 94	.....	.....	.....	74 94
Fisken, J. B. K	.....	.....	12 00	.....	12 00
Fletcher, J	98 38	.....	.....	.....	98 38
Forbes, H. S	.....	.....	.....	47 00	47 00
Forsyth, W. O	40 50	2 95	.....	.....	43 45
Foster, H. W. A	45 00	.....	.....	.....	45 00
Fotheringham, J. T	7 75	.....	.....	.....	7 75
Fowler, W. J. R	30 75	.....	.....	.....	30 75
Fraser, A	.....	.....	12 00	.....	12 00
Fraser, J. G.	.....	.....	.....	33 50	33 50
Fraser, W. H	134 50	.....	.....	.....	134 50
Fray, E	.....	.....	.....	7 00	7 00
Fulmer, H. L	38 25	.....	.....	.....	38 25
Gaby, R. E	27 25	.....	.....	.....	27 25
Galbraith, J	11 00	.....	.....	.....	11 00
Gallie, W. E.	10 00	.....	.....	.....	10 00
Gilchris L.	84 20	.....	.....	.....	84 20
Gillespie, P	178 75	.....	.....	.....	178 75
Goldie, W	30 00	.....	.....	.....	30 00
Graham, D. L	99 75	.....	.....	.....	99 75
Graham, J. S	45 00	.....	.....	.....	45 00
Graham, W. R.	16 25	.....	.....	.....	16 25
Grange, E. A. A	20 50	.....	.....	.....	20 50
Grant, Jas	.....	.....	.....	16 00	16 00
Green, W. F	21 50	.....	6 00	.....	27 50
Guest, W. S	64 00	.....	7 50	.....	71 50
Hamilton, A. E	6 25	.....	.....	.....	6 25
Hamilton, Miss M. A	23 00	.....	.....	.....	23 00
Hanley, T. B	20 00	.....	.....	.....	20 00
Harcourt, R	57 00	.....	.....	.....	57 00
Harris, C. L. M	30 75	10 80	.....	.....	41 55
Harrison, J. W. F	61 25	24 22	.....	.....	85 47
Hart, A. P	20 00	.....	.....	.....	20 00
Harvey, Miss W	30 25	.....	.....	.....	30 25
Haviland, H. J	.....	.....	2 50	.....	2 50
Haultain, H. E. T	150 75	.....	.....	.....	150 75
Heebner, C. F	55 00	.....	.....	.....	55 00
Henderson, V. E	58 50	.....	.....	.....	58 50
Hendrick, A. C	50 00	.....	.....	.....	50 00
Hendry, W. B	45 00	.....	.....	.....	45 00
Hermiston, G. M.	8 13	.....	.....	.....	8 13
Hetherington, A. E	.....	32	5 00	.....	5 32
Hewlett, W. H	90 80	200 00	.....	.....	290 80

12. *Examinations.*—Continued.

(a) Remuneration to Examiners:

NAME.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Hopkins, R. H.	.....	.....	13 50	.....	13 50
Horning, L. E.	79 25	.....	.....	.....	79 25
Howe, C. D.	21 00	.....	.....	.....	21 00
Howitt, J. E.	27 25	.....	.....	.....	27 25
Hume, J. G.	77 00	.....	.....	.....	77 00
Hunter, A. N	.....	.....	18 00	.....	18 00
Huntsman, A. G.	72 13	.....	.....	.....	72 13
Hurd, H. E	10 25	.....	.....	.....	10 25
Hurley, A. E.	6 00	.....	.....	.....	6 00
Hutchison, H. S.	45 00	.....	.....	.....	45 00
Hutton, M.	63 25	.....	.....	.....	63 25
Jackson, G. E.	37 50	.....	.....	.....	37 50
Jarvis, T. D	23 25	.....	.....	.....	23 25
Jefferys, C. W	70 25	.....	.....	.....	70 25
Johnston, G. W.	108 10	.....	.....	.....	108 10
Johnston, J. O.	.....	.....	.....	26 50	26 50
Jones, H	33 75	.....	.....	.....	33 75
Jones, E	45 00	.....	.....	.....	45 00
Jones, J.	.....	.....	.....	26 50	26 50
Jones, W. W.	45 00	.....	.....	.....	45 00
Keating, E. H.	5 00	.....	.....	.....	5 00
Kemp, J. B. O.	.....	.....	9 00	.....	9 00
Kennedy, C. A.	5 25	.....	.....	.....	5 25
Kenrick, F. B.	167 75	.....	.....	.....	167 75
Keys, D. R.	81 50	.....	.....	.....	81 50
Kirkwood, W. A.	82 50	.....	22 50	.....	105 00
Kitt, A. N.	20 00	.....	.....	.....	20 00
Kittridge, R. E. L.	103 75	.....	18 00	.....	121 75
Kylie, E. J.	65 75	.....	.....	.....	65 75
Lagergren, J. T.	23 00	.....	.....	.....	23 00
Laing, A. T.	55 00	.....	.....	.....	55 00
Laird, Miss A. L.	21 25	.....	.....	.....	21 25
Lancaster, H. M.	30 25	.....	.....	.....	30 25
Lang, A. E.	60 25	.....	18 00	.....	78 25
Lang, W. R.	62 75	.....	.....	.....	62 75
Langford, A. L.	58 12	.....	47 50	.....	105 62
Langstaff, J. M.	124 50	.....	.....	.....	124 50
Lautz, H. J	11 70	.....	.....	.....	11 70
Lawson, A. S.	29 00	.....	.....	.....	29 00
Leach, J.	.....	.....	.....	20 00	20 00
Leathes, J. B.	54 75	.....	.....	.....	54 75
Le Drew, H. H.	18 00	.....	.....	.....	18 00
Lefroy, A. H. F.	42 00	.....	.....	.....	42 00
Lester, A. V.	17 00	.....	.....	.....	17 00
Little, J. G	.....	50	5 00	.....	5 50
Lloyd, G. I. H.	56 25	.....	.....	.....	56 25
Lloyd, W. L	.....	2 50	2 50	.....	5 00
Loudon, T. R.	138 25	.....	.....	.....	138 25
Loudon, W. J.	167 31	.....	.....	.....	167 31
MacCallum, B, A.	72 00	.....	.....	.....	72 00
MacCallum, J. M.	10 75	.....	.....	.....	10 75
Macdonald, F. J.	38 46	.....	.....	.....	38 46
Macdonald, G. A.	.....	.....	6 00	.....	6 00
Mackenzie, J. J	41 50	.....	.....	.....	41 50
Mackenzie, M. A.	223 12	.....	.....	.....	223 12
Macpherson, W. E.	50 25	.....	.....	.....	50 25

12. *Examinations.*—Continued.

(a) Remuneration to Examiners:

Name.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Magwood, S. J. N	.....	.....	28 50	.....	28 50
Marlow, F. W	81 00	.....	.....	.....	81 00
Marshall, C. E	15 75	.....	.....	.....	15 75
Marshall, R. J	.....	.....	6 00	.....	6 00
Martin, T	73 75	32 00	.....	.....	105 75
Mavor, J	81 25	.....	.....	.....	81 25
McConnell, A. W	106 50	.....	.....	.....	106 50
McEachern, J	.....	.....	.....	28 50	28 50
McGowan, J	141 50	.....	.....	.....	141 50
McIlwraith, K. C	35 50	.....	.....	.....	35 50
McKay, G. P	.....	2 25	43 50	.....	45 75
McKenzie, John	.....	.....	.....	11 00	11 00
McLaughlin, J. F	78 25	.....	.....	.....	78 25
MacLean, N. B	.....	1 95	5 00	.....	6 95
MacLennan, J. C	119 24	.....	.....	.....	119 24
McMurrich, J. P	106 00	.....	.....	.....	106 00
McPhedran, A	60 00	.....	.....	.....	60 00
McPhedran, J. H	45 00	.....	46 50	.....	91 50
McRae, C. A	79 75	.....	.....	.....	79 75
McTaggart, A	.....	.....	2 50	.....	2 50
McVicar, C. S	45 00	.....	.....	.....	45 00
Meader, F. D	7 00	.....	.....	.....	7 00
Melson, J. W	.....	.....	9 00	.....	9 00
Meredith, F. R	.....	.....	.....	2 00	2 00
Mickle, G. R	5 00	.....	.....	.....	5 00
Miller, W. Lash	64 50	.....	.....	.....	64 50
Milligan, F. S	.....	.....	10 50	.....	10 50
Milner, W. S	73 12	.....	.....	.....	73 12
Moffatt, R. W	30 50	.....	13 50	.....	44 00
Moir, A	27 50	.....	.....	.....	27 50
Monteith, N	14 75	.....	.....	.....	14 75
Mueller, P. W	177 50	.....	61 50	.....	239 00
Murch, W. H	.....	22 00	5 00	.....	27 00
Needler, G. H	50 50	.....	.....	.....	50 50
Nicol, J. D	.....	15	5 00	.....	5 15
Ockley, Miss L. L	6 25	.....	.....	.....	6 25
Oke, W. V	.....	.....	10 50	.....	10 50
Owen, E. T	82 50	.....	.....	.....	82 50
Owen, F	21 50	.....	.....	.....	21 50
Pakenham, W	131 00	.....	.....	.....	131 00
Parks, W. A	106 05	.....	.....	.....	106 05
Parsons, A. L	45 75	.....	.....	.....	45 75
Patterson, Miss O. G	9 25	.....	.....	.....	9 25
Pattinson, Miss N. L	22 25	.....	.....	.....	22 25
Paul, Miss H. A	27 50	.....	.....	.....	27 50
Pearson, W. G	.....	.....	.....	47 00	47 00
Pepler, W. H	5 00	.....	.....	.....	5 00
Pequegnat, M	.....	.....	9 00	.....	9 00
Pherrill, C. O	.....	.....	.....	5 50	5 50
Philp, G. R	9 00	.....	.....	.....	9 00
Piersol, W. H	240 25	.....	.....	.....	240 25
Potter, W. A	30 25	.....	.....	.....	30 25
Pound, V. E	8 63	.....	.....	.....	8 63
Powell, N. A	30 00	.....	.....	.....	30 00
Pratt, E. J	.....	.....	.....	26 00	26 00
Price, H. W	179 50	.....	.....	.....	179 50
Primrose, A	38 50	.....	.....	.....	38 50

12. *Examinations.*—Continued.

(a) Remuneration to Examiners:

NAME.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Pringle, J. R.	20 50				20 50
Purcell, J. J	94 75				94 75
Pybus, G. G				9 00	9 00
Radcliffe, S. J.			10 00		10 00
Reade, R. C	83 13				83 13
Reaman, G. E				38 50	38 50
Redfern, C. R			9 00		9 00
Reich, P	59 25				59 25
Reynolds, J. B	41 50				41 50
Rigg, J. F	20 00				20 00
Robertson, A. D	32 00				32 00
Robertson, D. E			3 00		3 00
Robertson, G. D	72 00				72 00
Robertson, J. C	65 08				65 08
Robertson, W. J		50	2 50		3 00
Robinson, B. H				36 00	36 00
Robinson, T. R	144 25		84 00		228 25
Roche, N	30 25				30 25
Rolph, F. W	55 00				55 00
Rosebrugh, T. R	177 25				177 25
Ross, A. H. D	17 00				17 00
Ross, R. A	5 00				5 00
Routh, H. V	5 25				5 25
Rubidge, W. F. B			6 00		6 00
Rudolf, R. D	16 75				16 75
Rutlidge, L. T	48 75				48 75
Ryerson, E. S	54 00				54 00
Ryerson, G. S	8 75				8 75
Sale, C. E	17 00				17 00
Salter, Miss L.			25 50		25 50
Santo, A. E	15 75				15 75
Saunders, C. G.	10 25				10 25
Saunders, D. W	15 75				15 75
Scarrow, A. N	58 75				58 75
Scherer, F. W		6 00			6 00
Schuch, E. W	10 00				10 00
Scott, J. B				11 00	11 00
Scott, P. L.	27 50				27 50
Scott, W. A	45 00				45 00
Sebert, L	20 00				20 00
Shenstone, N. S	45 00				45 00
Shuttleworth, C. B.	68 50				68 50
Silverthorn, G.	53 13				53 13
Sissons, C. B	101 74		25 50		127 24
Skeeles. L. O. C	20 00				20 00
Smith, D. K	20 50				20 50
Smith, G. E.		3 00	40 50		43 50
Smith, G. O.	67 50				67 50
Smith, H. G	20 00				20 00
Smith, W. G	57 25		70 50		127 75
Smither, W. J			39 00		39 00
Snow, J. F	15 00				15 00
Squair, J	91 00				91 00
Stanford, Sir Chas. V	100 00				100 00
Starr, C. L.	10 00				10 00
Steele, A. L			7 50		7 50
Stevenson, G. S	60 00		28 50		88 50
Stevenson, O. J	105 25				105 25
Stewart, A. A.	15 75				15 75
Stewart, A. C.			2 50		2 50

12. *Examinations.*—Continued.

(a) Remuneration to Examiners:

Name.	Remuneration as Examiner.	Expenses.	Presiding Examiner.	Attendant.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Stewart, L. B	132 25				132 25
Stewart, R. B	17 75				17 75
Strathy, G. S			21 00		21 00
Tanton, T. L	8 00				8 00
Tattersall, R		83 85			83 85
Taylor, L. B	52 00				52 00
Taylor, W. E			7 50		7 50
Taylor, W. R	22 50				22 50
Temple, C. A	10 25				10 25
Thompson, C. S				4 50	4 50
Thomson, L. R			4 00		4 00
Thomson, R. B	60 13				60 13
Toews, P	34 75				34 75
Traill, J. J	113 25		4 50		117 75
Treadgold, W. M	117 00				117 00
Tripp, J. D. A	10 00	8 00			18 00
Trotter, W. C.	25 00				25 00
Vander Smissen, W. H	5 00				5 00
Vogt, A. S	13 60	3 00			16 60
Wade, R. W	43 50				43 50
Wagner, C. J	45 00				45 00
Walker, A. C	10 25				10 25
Walker, E. M	30 13				30 13
Walker, T. L	105 13				105 13
Wallace, M. W	130 75				130 75
Wallace, W. S	91 25				91 25
Walt, C. F	15 75				15 75
Watt, Mrs. A. T		3 25	2 50		5 75
Watt, J. C.	101 25				101 25
Waugh, F. A	13 50	35			13 85
Webster, H. B	16 25				16 25
Welsman, F. S	65 20	14 45			79 65
Wheeldon, H A	62 66				62 66
White, J. H	27 50		19 50		47 00
Whitelaw, W. M				25 50	25 50
Wickens, W. S			7 50		7 50
Will, J. S	84 75		24 00		108 75
Williams, J. A. McK			7 50		7 50
Williams, R. H	119 50				119 50
Willmott, W. E	15 75				15 75
Woodcock, J. N	74 60		25 50		100 10
Wright, A. B	10 00				10 00
Wright, C. H. C	47 75				47 75
Wright, R. R	170 00				170 00
Wright, W. W			18 00		18 00
Wrong, G. M	133 25				133 25
Youell, A. W			13 50		13 50
Young, A. H	69 75				69 75
Young, C. R	120 25				120 25
Young, J. McG	62 75				62 75
Zavitz, C. A	15 50				15 50
Zavitz, E. J	5 25				5 25
Zimmer, A. R			6 00		6 00
	18,332 37	483 30	1,692 25	741 00	21,248 92
Less paid by Royal College of Dental Surgeons as share of attendance in Dentistry					26 62
					$21,222 30

Apportionment.

	Remuneration as Examiner.	Expenses.	Presiding Examiner	Attendance.	Total.
	$ c.	$ c.	$ c.	$ c.	$ c.
Arts	7,632 44	.....	773 75	509 75	8,915 94
Medicine	2,784 01	4 46	187 50	73 25	3,049 22
Engineering and Applied Science	4,042 50	32	366 00	.....	4,408 82
Household Science	85 50	.....	.....	.....	85 50
Education	1,388 25	.....	90 00	68 75	1,547 00
Forestry	159 00	.....	19 50	.....	178 50
Law	90 00	.....	1 50	75	92 25
Dentistry	221 26	.....	18 00	36 38	275 64
Pharmacy	137 50	.....	30 00	23 50	191 00
Music	862 41	472 92	89 00	.....	1,424 33
Agriculture	605 25	5 60	84 00	.....	694 85
Veterinary Science	324 25	.....	33 00	2 00	359 25
	18,332 37	483 30	1,692 25	714 38	21,222 30

12. *Examinations.*—Continued.

(*b*) Examination Supplies and Sundries:			
University Press, examination books, stationery and supplies		$1,490 33	
Filling in diplomas:			
Edith E. Shaw, $68.25; R. M. Williams, $93.65		161 90	
Rent of pianos, etc.:			
Gourlay, Winter & Leeming	$17 00		
Miss G. Martyn	2 00		
Miss L. S. Menser	2 00		
		21 00	
C. F. Heebner, chemicals and supplies		57 92	
J. J. McLaughlin, spring water		13 20	
Fletcher Mfg. Co., glasses		2 50	
Sundry labor, $91.08; cartage, $77.70		168 78	
Revising lists and determining awards *re* scholarship examinations:			
J. Brebner	$6 00		
G. H. Campbell	18 60		
A. Carruthers	5 35		
		29 95	
			1,945 58
(*c*) Printing examination papers and class lists:			
University Press			3,727 60
			$26,895 48

13. *Convocation Expenses.*

Special Convocation, H. R. H. The Duke of Connaught:		
American Tent and Awning Co., rent of carpet	$5 00	
City Storage Co., cartage	3 50	
T. Eaton Co., Ltd., decorations	20 00	
Harcourt & Son, Ltd., hoods	82 25	
University Press, printing	15 05	
June Convocation:		
Geo. Coles, Ltd., catering	600 00	
Harcourt & Sons, Ltd., hoods	50 00	
Highlanders' Band, musical services	45 00	
University Press, printing	181 35	
Petty items	1 00	
		$1,003 15

14. *Receptions to Societies and University Visitors.*

Expenses of Entertainment ($305.26):			
J. W. Bain, expenses *re* meeting of American Electro-Chemical Society, Sept., 1911		$231 40	
University Dining Hall, luncheon to members of American Political Science Association		41 06	
University Faculty Union, luncheon to members of Ontario Educational Asociation		27 45	
The Registrar, luncheon to members of University Conference		5 35	
Honoraria to occasional visiting lecturers ($434.00):			
Professor Hadamard		60 00	
M. Anatole le Braz		40 00	
F. H. Newell		34 00	
T. H. Mawson, for series of lectures on Town Planning	$500 00		
Less paid by Guild of Civic Art.. $100 00			
And Board of Trade 100 00			
	200 00		
	$300 00		

14. *Reception to Societies and University Visitors.*—Continued.

Attendance: S. J. Apted, $12.00; Sundry ushers, $18.00; Joseph Allan, operating lantern, $12.00	42 00		
	$342 00		
Less charged to contingencies	42 00		
		300 00	
			$739 26

15. *Telephones.*

Bell Telephone Co., telephone service to June 30th, 1912		$2,136 94	
Less receipts from subservices	$489 60		
And from slot machines	25 65		
		515 25	
		$1,621 69	
Switchboard operators:			
Miss E. Fox, 52 weeks, 2 days		340 17	
Miss P. Laing, 52 weeks, 2 days		340 17	
Mrs. Cunningham, relieving, 10 days		15 00	
Miss Scher, relieving, 3 days		6 00	
			$2,323 03

16. *Insurance.*

Balance of premiums on general schedule carried forward from 1910-11		$6,751 68	
Insurance on Pathological Building:			
Aetna Insurance Co.	$34 00		
Alliance Assurance Co.	34 00		
Atlas Assurance Co.	34 00		
British America Assurance Co.	34 00		
Guardian Assurance Co.	34 00		
Hartford Insurance Co.	34 00		
Liverpool, London & Globe Insurance Co.	34 00		
London Assurance Corporation	34 00		
London & Lancashire Fire Insurance Co.	34 00		
North British & Mercantile Insurance Co.	34 00		
Northern Assurance Co.	34 00		
Norwich Union Fire Assurance Society	34 00		
Phœnix Assurance Co., of London	34 00		
Queen City Fire Insurance Co.	34 00		
Royal Insurance Co.	34 00		
Scottish Union & National Insurance Co.	34 00		
Sun Insurance Co.	34 00		
Western Assurance Co.	34 00		
Commercial Union Assurance Co.	26 57		
Home Insurance Co.	26 56		
Yorkshire Insurance Co.	26 56		
Caledonian Insurance Co.	17 00		
Mercantile Fire Insurance Co.	17 00		
Perth Mutual Fire Insurance Co.	17 00		
Quebec Fire Insurance Co.	17 00		
Union Assurance Society	17 00		
Acadia Fire Insurance Co.	10 63		
General Fire Assurance Corporation	10 62		
Insurance Co., of North America	10 62		
Phœnix Co., of Hartford	10 63		
Queen Insurance Co.	10 62		
Sovereign Fire Assurance Co.	10 63		
London Mutual Fire Insurance Co.	5 31		
Waterloo Mutual Fire Insurance Co.	4 25		
		850 00	
Workmen's risk on Pathological Building, 3 mos.		75 00	

16. *Insurance.*—Continued.

North British and Mercantile Insurance Co.:			
Insurance on grand stand and bleachers at new Athletic Field		391 25	
And workmen's risk during construction	$105 00		
Less paid by contractor	40 00		
		65 00	
Insurance on temporary Gymnasium		200 00	
And workmen's risk during construction, 2 mos.		20 00	
Atlas Assurance Co., 85 St. George St.		16 88	
British America Assurance Co., carpenter's shop		51 15	
		$8,420 96	
Less sundry credits		52 26	
			$8,368 70

17. *Advertising Expenses.*

Acta Ridleiana	$20 00	
Acta Victoriana	25 00	
Applied Science	20 00	
The Arbor	25 00	
Association of Ontario Land Surveyors Report	6 00	
Canadian Almanac	15 00	
Canadian Forestry Journal	12 50	
Canadian Medical Association Journal	50 00	
Canadian Mining Journal	45 00	
Forestry Quarterly	22 00	
Lux Columbiana, New Westminster	15 00	
St. Andrew's College Review	20 00	
Torontonensis	60 00	
Trinity College School Review	9 00	
Trinity University Review	25 00	
University Magazine	72 00	
University Monthly	300 00	
University of Toronto Y. M. C. A. Handbook	10 00	
The Varsity	100 00	
Vox Lycei	8 00	
Sundry announcements:		
Evening Telegram	3 00	
Globe Printing Co.	9 00	
Mail and Empire	8 70	
The News	3 00	
Toronto World	6 20	
		$889 40

18. *Aid to Publications and Societies.*

Astronomical Journal	$100 00	
University Monthly	188 78	
Archæological School at Jerusalem	100 00	
		$388 78

19. *University Studies.*

H. H. Langton, general editor's remuneration, 6 mos.		$100 00	
Miss Laura Mason, acting general editor, 6 mos.		100 00	
Wm. Briggs, printing and binding		129 80	
Canadian Institute, reprints		35 45	
Forestry Quarterly, reprints	$50 00		
" " deficit on Vol. VIII.	141 56		
" " deficit on Vol. IX.	89 01		
		280 57	
Grip. Ltd., diagrams		31 20	
B. Meisel, reprints		95 51	
Morang & Co., subscribers' list		20 00	

19. *University Studies.*—**Continued.**

Mortimer Co., Ltd., reprints	6 50	
The Science Press, reprints	13 20	
Taylor & Francis, reprints	18 35	
University Press, printing and binding	1,286 05	
Freight charges	4 05	
Royalties and payments to contributors ($293.35):		
H. H. Langton, royalties on sales	37 55	
G. M. Wrong, " "	37 55	
W. S. Wallace " "	48 75	
Contributors:		
D. D. Cairns	2 50	
A. F. Chamberlain	15 00	
A. P. Coleman	9 00	
S. A. Cudmore	8 00	
B. E. Fernow	2 00	
W. K. Fraser	2 50	
W. L. Grant	7 00	
L. Hamilton	5 00	
Judge Howay	11 00	
A. F. Hunter	3 50	
E. J. Kylie	10 00	
G. I. H. Lloyd	8 50	
D. A. McArthur	6 50	
S. J. McLean	2 00	
A. McMechan	2 50	
W. B. Munro	1 50	
G. H. Oliver	5 00	
W. O. Raymond	2 50	
M. W. Wallace	2 00	
W. S. Wallace	56 50	
James White	3 00	
Wm. Wood	3 00	
Frank Yeigh	1 00	
	$2,414 03	
Less amount chargeable to University Studies Trust Funds account	313 35	
		$2,100 68

20. *Law Costs.*

John A. Paterson, K.C., legal services (as Solicitor) to the University	$943 83	
Less sundry credits	43 22	
		$900 61

21. *General Incidentals.*

Travelling expenses of the Board of Governors and the Senate ($112.70):		
Board of Governors:		
Judge C. G. Snider	$35 00	
Members of the Senate:		
Dr. Wm. Burt	3 35	
James Chisholm	1 95	
J. H. Coyne	12 20	
G. C. Creelman	4 90	
Barlow Cumberland	3 20	
Wm. Dale	15 00	
W. N. Ponton	11 40	
T. G. Raynor	25 70	
Travelling expenses of the President and Academic Staff ($988.37):		
President Falconer	116 90	
W. J. Alexander	34 50	
J. W. Barton	26 00	

21. *General Incidentals.*—Continued.

J. J. Bell	15 00	
Mrs. M. H. Campbell	12 00	
C. A. Chant	25 00	
A. P. Coleman	25 00	
S. A. Cudmore	25 00	
Miss E. M. Eadie	25 00	
J. H. Faull	25 00	
J. C. Fields	25 00	
L. Gilchrist	25 00	
H. E. T. Haultain	18 00	
J. G. Hume	25 00	
M. Hutton	106 32	
G. E. Jackson	25 00	
G. W. Johnston	25 00	
Ernest Jones	25 00	
F. B. Kenrick	25 00	
A. T. Laing	25 00	
J. B. Leathes	15 00	
G. I. H. Lloyd	25 00	
J. C. McLennan	15 00	
J. P. McMurrich	45 00	
Miss O. G. Patterson	25 00	
J. T. Saunders	25 00	
R. B. Stewart	25 00	
L. B. Taylor	15 00	
R. B. Thomson	25 00	
R. Ramsay Wright	58 75	
C. H. C. Wright and W. J. Alexander, expenses attending the University Club Dinner in New York	60 90	
Sundry Incidental Expenses ($311.01):		
A. H. Howard, engrossing sundry resolutions	75 00	
R. M. Williams, engrossing sundry resolutions	140 00	
Aid to University Y. M. C. A.:		
Connell Anthracite Mining Co., fuel supplied	75 81	
Michie & Co., spring water	2 70	
Geo. J. McKiee, *re* Charlotteville lot, inspection, $7.50; commission on sale, $10.00	17 50	
		1,412 08
		$154,798 96

II. Faculty of Arts.

23. *Salaries.*

(1) Departments in the University of Toronto ($157,354.25).

Mathematics.

A. Baker, Professor, 12 mos. to 30th June	$4,000 00	
A. T. DeLury, Professor, 12 mos. to 30th June	3,400 00	
M. A. Mackenzie, Associate Professor, 12 mos. to 30th June	3,000 00	
J. C. Fields, Associate Professor, 12 mos. to 30th June	2,800 00	
S. Beatty, Lecturer (Sessional)	1,400 00	
Fellows (Sessional) at $500 each:		
Miss A. I. N. Ball (paid also in Physics)	500 00	
W. R. Bocking	500 00	
F. J. Macdonald (paid also in Physics)	500 00	
		$16,100 00

Mechanics.

W. J. Loudon, Professor, 12 mos. to 30th June	$3,400 00	
		$3.400 00

23. *Salaries.*—Continued.

Physics.

J. C. McLennan, Professor, 12 mos. to 30th June	$3,500 00	
E. F. Burton, Associate Professor, 12 mos. to 30th June	2,100 00	
L. Gilchrist, Demonstrator, 12 mos. to 30th June	1,900 00	
H. F. Dawes, Lecturer (Sessional), 2 mos. at $1,500 (resigned), $250; temporary work, $100	350 00	
Demonstrators (Sessional):		
H. A. McTaggart	1,100 00	
V. E. Pound	1,000 00	
P. Blackman, Lecture and Laboratory Assistant (Sessional)	750 00	
Class and Lecture Assistants (Sessional):		
W. T. Kennedy	400 00	
F. C. Asbury	300 00	
E. N. Macallum	300 00	
S. A. Kennedy	225 00	
G. W. Spenceley	225 00	
Miss A. I. N. Ball (paid also in Mathematics)	175 00	
F. J. Macdonald (paid also in Mathematics)	175 00	
J. D. Buchanan	150 00	
C. W. Robb	150 00	
Miss C. E. Clinkscale	75 00	
E. Evans	75 00	
E. A. Hodgson	75 00	
Miss F. Johnston	75 00	
D. P. Rogers	75 00	
Miss A. T. Reed, Class Assistant and Stenographer (Sessional)	700 00	
T. S. Plaskett, Mechanician, 12 mos. to 30th June	1,100 00	
A. Dennett, Assistant Mechanician, 12 mos. to 30th June	750 00	
Glass-blowers, share of salaries detailed under Physiology	333 00	
S. Richardson, Laboratory Attendant, 12 mos. to 30th June	550 00	
J. Wicksey, Laboratory Carpenter, 12 mos. to 30th June (paid also $550 as Caretaker, Physics building)	300 00	
Workshop Assistants at 11½c. to 35c. an hour:		
T. Bodell, 266½ hours, $93.28; C. Crook, 93 hours, $32.55; F Forty, 504 hours, $57.31; E. Slade, 240 hours, $27.28; G. L. Valary, 40 hours, $13.00; F. C. Asbury, occasional work (additional to Class Assistantship), $25	248 42	
		$17,156 42

Astro-Physics.

C. A. Chant, Associate Professor, 12 mos. to 30th June	$2,500 00	
		$2,500 00

Geology.

A. P. Coleman, Professor, 12 mos. to 30th June	$4,000 00	
W. A. Parks, Associate Professor, 12 mos. to 30th June	2,700 00	
A. MacLean, Lecturer (Sessional)	1,300 00	
D. Stewart, Laboratory Attendant, 12 mos. to 30th June	260 00	
		$8,260 00

Mineralogy.

T. L. Walker, Professor, 12 mos. to 30th June	$3,600 00	
A. L. Parsons, Lecturer, 12 mos. to 30th June	2,000 00	
W. F. Green, Demonstrator (Sessional)	1,100 00	
T. L. Tanton, Class and Museum Assistant (Sessional)	500 00	
W. Stewart, Laboratory Attendant, 12 mos. to 30th June	600 00	
		$7,800 00

23. *Salaries.*—Continued.

Chemistry.

W. R. Lang, Professor, 12 mos. to 30th June	$3,600 00	
W. Lash Miller, Professor of Physical Chemistry, 6 mos. at $3,400; 6 mos. at $3,500	3,450 00	
F. B. Kenrick, Associate Professor, 12 mos. to 30th June	2,500 00	
F. B. Allan, Associate Professer of Organic Chemistry, 12 mos. to 30th June	2,500 00	
Assistants (Sessional) at $600:		
R. Boyd (resigned 30th April)	525 00	
J. B. Coghill (and extra work, $25)	625 00	
H. P. Corliss (and extra work, $50)	650 00	
J. A. McRae (and extra work, $50)	650 00	
Assistants (Sessional) at $500:		
W. L. Argo (and extra work, $50)	550 00	
G. Blackstock (resigned 30th April)	437 50	
A. J. Galbraith (resigned 31st December)	187 50	
R. H. McPherson (1st January to 30th April)	250 00	
Class Assistants (Sessional) at $60:		
W. H. Eastlake	60 00	
W. J. Fawcett	60 00	
J. B. Ferguson	60 00	
W. S. Funnell	60 00	
G. E. Gollop	60 00	
H. C. Martin	60 00	
C. R. Rubidge	60 00	
W. B. Wiegand	60 00	
E. Repath, Laboratory Attendant (with rooms, heat and light as Caretaker, Chemical building) 12 mos. to 30th June	700 00	
John Smith, Laboratory Attendant, 12 mos. to 30th June	550 00	
	$17,655 00	
Less overpayment to R. Isham in 1910-11, returned in 1911-12	37 50	
		$17,617 50

Biology.

R. Ramsay Wright, Professor, 12 mos. to 30th June (paid also as Vice-President)	$4,000 00	
B. A. Bensley, Associate Professor, Zoology, at $2,600 (absent on two-thirds salary)	1,733 33	
W. H. Piersol, Associate Professor, Histology, 12 mos. to 30th June	2,200 00	
E. M. Walker, Lecturer, Zoology, 12 mos. to 30th June	1,700 00	
A. G. Huntsman, Lecturer, Biology (Sessional)	1,500 00	
J. T. Saunders, Lecturer, Vertebrate Embryology (Sessional)	1,200 00	
Fellows (Sessional) at $500:		
A. R. Cooper	500 00	
A. D. Robertson	500 00	
Class Assistants (Sessional):		
W. H. T. Baillie	300 00	
J. M. Livingston (paid also in Botany)	180 00	
C. M. Hincks	130 00	
E. A. McCulloch	120 00	
W. Hamilton	60 00	
H. J. Shields (paid also in Botany)	40 00	
W. A. Clemens (paid also in Botany)	20 00	
J. R. Dymond (paid also in Botany)	20 00	
Preparators:		
R. E. Coleman, 2 months	100 00	
T. B. Kurata, 22nd November to 30th June	365 00	
A. Pride, Sub-Curator, Biological Museum, 12 mos. to 30th June	850 00	
J. B. Williams, Museum Assistant and Cataloguer, 10 mos. salary	650 00	

23. *Salaries.*—Continued.

Miss E. Smith, Office Assistant, 12 mos. to 30th June.....	450 00	
H. Sherman, Laboratory Attendant, 12 mos. to 30th June..	450 00	
		$17,068 33

Botany.

J. H. Faull, Associate Professor, 12 mos. to 30th June.....	$2,500 00	
R. B. Thomson, Lecturer, 12 mos. to 30th June	2,000 00	
C. D. Howe, Lecturer (Sessional), $2,000, of which $1,000 charged to Forestry	1,000 00	
J. H. White, Lecturer (Sessional), $1,500, of which $1,250 charged to Forestry	250 00	
Class Assistants (Sessional):		
Miss J. McFarlane (paid also in Household Science)..	300 00	
J. R. Dymond (paid also in Biology)	130 00	
H. J. Shields (paid also in Biology)	120 00	
E. A. Allin	100 00	
W. A. Clemens (paid also in Biology)	90 00	
J. M. Livingston (paid also in Biology)	60 00	
A. Simpson, Gardener, 12 mos. to 30th June	720 00	
Laboratory Attendants:		
H. Pierce, 1st August to 31st January at $25 per month	175 00	
A. Burnett, 1st February to 30th June at $20 per month	100 00	
		$7,545 00

Bio-Chemistry.

A. B. Macallum, Professor, 12 mos. to 30th June	$4,000 00	
R. E. Gaby, Demonstrator (Sessional, paid also in Surgery)	1,000 00	
Fellows (Sessional) at $500:		
W. R. Campbell	500 00	
R. D. Defries	500 00	
Junior Assistants (Sessional):		
Miss C. F. Woodhouse	250 00	
Miss R. E. Mills	150 00	
Laboratory Attendants:		
A. E. Giddens, 12 mos. to 30th June	500 00	
John Lowndes, 12 mos. to 30th June	450 00	
Glass-blowers, share of salaries detailed under Physiology.	150 00	
		$7,500 00

Physiology.

T. G. Brodie, Professor, 12 mos. to 30th June			$4,000 00	
J. H. Duncan, Demonstrator (Sessional)			800 00	
Fellows (Sessional) at $500:				
R. C. Coatsworth (from 1st Nov.)			437 50	
P. M. O'Sullivan			500 00	
Miss M. Douie, Assistant (Sessional)			780 00	
Miss F. M. Girdler, Assistant, arrears for services, 14th to 25th January, 1911			22 50	
C. Stewart, Mechanician (Sessional)			800 00	
F. L. Robinson, Laboratory Attendant, 12 mos. to 30th June ...			500 00	
F. D. Mezen, Glass-blower (Sessional)		$1,250 00		
Miss R. Ingram, Assistant to Glass-Blower		350 00		
		$1,600 00		
Charged to the following Departments:				
Physics	$333 00			
Bio-Chemistry	150 00			
Pathology	100 00			
Chemical Pathology	100 00			
		683 00		
Physiology			917 00	
				8,757 00

23. *Salaries.*—Continued.

History and Ethnology.

G. M. Wrong, Professor, 12 mos. to 30th June	$4,000 00	
E. J. Kylie, Associate Professor, 12 mos. to 30th June	2,300 00	
Lecturers (Sessional):		
A. G. Brown, $1,500, of which $1,000 charged to Ancient History	500 00	
J. J. Bell	1,500 00	
R. H. Williams	1,200 00	
W. S. Wallace, Instructor (Sessional)	500 00	
Miss W. Harvey, Fellow at $500 (paid from fund supplied by graduates)	.....	
		$10,000 00

Comparative Philology.

A. J. Bell, Professor, 12 mos. to 30th June	$600 00	
		$600 00

Italian and Spanish.

W. H. Fraser, Professor, 12 mos. to 30th June	$3,600 00	
M. A. Buchanan, Associate Professor, 12 mos. to 30th June	2,200 00	
Instructors (Sessional):		
N. di Pietro	1,000 00	
E. Goggio	900 00	
		$7,700 00

Philosophy, including Psychology.

J. G. Hume, Professor of History of Philosophy (paid as Professor of Ethics)	.....	
A. Kirschmann, Professor at $3,600 (absent on sick leave at half salary)	$1,800 00	
F. Tracy, Associate Professor, 12 mos to 30th June (absent on sick leave)	2,700 00	
A. H. Abbott, Associate Professor, 12 mos. to 30th June	2,500 00	
W. G. Smith, Lecturer and Laboratory Assistant, 12 mos. to 30th June	1,900 00	
T. R. Robinson, Lecturer, 12 mos. to 30th June	1,900 00	
G. S. Brett, Lecturer in Greek Philosophy (Sessional)	1,500 00	
R. B. Liddy, Fellow (Sessional)	500 00	
E. J. Pratt, Class Assistant (Sessional)	200 00	
J. Allan, Laboratory Assistant (Sessional)	750 00	
		$13,750 00

Political Science.

J. Mavor, Professor, 12 mos. to 30th June	$3,600 00	
G. I. H. Lloyd, Associate Professor, 12 mos. to 30th June	2,700 00	
Lecturers (Sessional):		
S. A. Cudmore (paid also in Latin)	1,200 00	
G. E. Jackson	1,200 00	
J. McGregor Young, Professor of Constitutional and International Law, 12 mos. to 30th June	1,500 00	
A. H. F. Lefroy, Professor of Roman Law, Jurisprudence and History of English Law, 12 mos. to 30th June	1,200 00	
J. D. Falconbridge, for Lectures in Commercial Law	200 00	
		$11,600 00

(2) *Departments in University College* ($71,750.00).

Greek.

M. Hutton, Professor, 12 mos. to 30th June (paid also as Principal of University College)	$4,000 00	
A. Carruthers, Associate Professor, 12 mos. to 30th June	2,900 00	
		$6,900 00

23. *Salaries.*—Continued.

Latin.

J. Fletcher, Professor, 12 mos. to 30th June	$4,000 00	
G. W. Johnston, Associate Professor, 12 mos to 30th June	2,500 00	
G. O. Smith, Lecturer, 12 mos. to 30th June	1,900 00	
Instructors (Sessional):		
R. C. Reade	1,200 00	
S. A. Cudmore (paid also in Political Science)	500 00	
		$10,100 00

Ancient History.

W. S. Milner, Professor, 6 mos. at $3,400; 6 mos at $3,500	$3,450 00	
A. G. Brown, Lecturer (Sessional), $1,500, of which $500 charged to Modern History	1,000 00	
		$4,450 00

English.

W. J. Alexander, Professor, 12 mos. to 30th June	$4,000 00	
D. R. Keys, Associate Professor of Anglo-Saxon, 12 mos. to 30th June	3,000 00	
M. W. Wallace, Associate Professor, 12 mos. to 30th June	2,300 00	
Lecturers (Sessional):		
G. S. Stevenson	2,000 00	
W. H. Clawson	1,400 00	
		$12,700 00

French.

J. Squair, Professor, 12 mos. to 30th June	$3,600 00	
J. H. Cameron, Associate Professor, 12 mos. to 30th June	3,000 00	
St. E. de Champ, Associate Professor, 12 mos. to 30th June	2,200 00	
J. S. Will, Lecturer (Sessional, paid also as Registrar of University College)	1,600 00	
Instructors (Sessional):		
L. H. Corbett	1,200 00	
P. Balbaud	500 00	
L. A. Bibet	500 00	
		$12,600 00

German.

W. H. Vander Smissen, Professor, 12 mos. to 30th June	$3,600 00	
G. H. Needler, Associate Professor, 12 mos. to 30th June (paid also as Acting Librarian)	2,900 00	
P. Toews, Lecturer, 12 mos. to 30th June	2,000 00	
P. W. Mueller, Lecturer (Sessional), $2,000, of which $500 charged to Applied Science	1,500 00	
F. Owen, Temporary Instructor	500 00	
		$10,500 00

Oriental Languages.

J. F. McCurdy, Professor, 12 mos. to 30th June (on leave of absence)	$4,000 00	
T. Eakin, Associate Professor, 12 mos. to 30th June	2,100 00	
Lecturers (Sessional):		
C. A. McRae	1,400 00	
W. R. Taylor	500 00	
R. Davidson	500 00	
		$8,500 00

23. *Salaries.*—Continued.

Ethics.

J. G. Hume, Professor, 12 mos. to 30th June (also Professor of History of Philosophy, University of Toronto)	$3,600 00	
		$3,600 00

University College, General.

M. Hutton, Principal, 12 mos. to 30th June (paid also as Professor of Greek)	$1,000 00	
J. S. Will, Registrar, 12 mos. to 30th June (paid also in French)	500 00	
Miss. L. Salter, Lady Superintendent, 12 mos. to 30th June	900 00	
		$2,400 00
		$229,104 25

24. *Main Building.*

Fuel ($2,509.32):		
Connell Anthracite Mining Co., fuel	$2,509 32	
Light ($219.16):		
Consumers' Gas Co., gas	54 60	
Toronto Electric Light Co., electrical current	209 56	
	$264 16	
Less paid by Societies, etc.	45 00	
	$219 16	
Water ($347.46):		
City Treasurer, water	347 46	
Caretaker's Supplies ($284.63):		
Superintendent's Dept., material	284 63	
Cleaning ($1,076.50):		
Allen Mfg. Co., washing towels	20 03	
Canadian Window Cleaning Co., cleaning windows	50 00	
Pay Lists, wages of cleaners	1,030 97	
	$1,101 00	
Less paid by Societies, etc.	24 50	
	$1,076 50	
Repairs and Renewals ($4,050.12):		
Adams Furniture Co., chairs	117 25	
Wm. Bartlett & Sons, shades	66 83	
Canada Furniture Mfrs., Ltd., furniture	86 50	
Canada Glass Mantels & Tiles, Ltd., tiles, etc.	14 25	
Common Sense Mfg. Co., exterminating rats	5 00	
T. Eaton Co., Ltd., furniture	14 00	
Johnson Temperature Regulating Co., diaphragms, etc.	11 88	
Mackenzie & Co., framing	17 25	
F. J. Moore, table	39 50	
Murray-Kay, Ltd., cork carpet, etc.	262 03	
C. Ormsby, ventilators	5 00	
W. E. Routery, plastering	11 50	
R. Robertson & Sons, repairs to masonry	9 63	
F. J. Tracy, case and chairs	79 35	
J. J. Turner & Sons, flag	9 00	
W. Welker, repairing blackboards	15 87	
Freight charges	7 34	
Petty items (2)	60	
Superintendent's Dept., labor, $2,174.33; material, $1,120.47	3,294 80	
	$4,067 58	
Less sundry credits	17 46	
	$4,050 12	

24. *Main Building.*—Continued.

Janitor, C. E. Bradshaw, 12 mos. to 30th June	800 00	
Cleaners, J. Laballister and wife, 12 mos. to 30th June	625 00	
Messenger Service:		
George Donkin, 12 mos. to 30th June	450 00	
Boys at $4.00 to $5.50 per week:		
F. McGee, 38 weeks to 21st March	183 00	
G. Cowlin, 37 weeks to 30th June	154 66	
H. Dickson, 13 weeks to 30th June	62 92	
W. Dougall, 5 days to 19th October	3 33	
Car fares of messengers	18 00	
		$10,784 10

25. *Biological Building and Department.*

(*a*) Maintenance of Building:		
Gas, city current and occasional fuel ($140.98):		
Consumers' Gas Co., gas	$35 70	
Toronto Electric Light Co., electrical current	87 28	
	$122 98	
Less paid by Societies, etc.	3 00	
	$119 98	
Connell Anthracite Mining Co., fuel	21 00	
Water ($97.36):		
City Treasurer, water	97 36	
Caretaker's Supplies ($200.86):		
Superintendent's Dept., material	200 86	
Cleaning ($557.23):		
Allen Mfg. Co., washing towels	21 96	
Canadian Window Cleaning Co., cleaning windows	30 00	
Pay Lists, wages of cleaners	507 27	
	$559 23	
Less paid by Societies	2 00	
	$557 23	
Repairs and Renewals ($687.57):		
Adams Furniture Co., chairs	31 25	
Wm. Bartlett & Son, repairing shades	6 30	
City Treasurer, elevator license	2 00	
Common Sense Mfg. Co., exterminating rats	5 00	
Elevator Specialty Co., repairs to elevator	18 85	
R. Robertson & Sons, repairs to drain	3 85	
Superintendent's Dept., labor, $331.14; material, $305.28	636 42	
	$703 67	
Less sundry credits	16 10	
	$687 57	
Caretaker, D. J. Clark (with rooms, fuel and light), 12 mos. to 30th June	700 00	
Attendant, Anatomical Section:		
J. Sherman, 3 mos. to 30th September	150 00	
Thos Richardson, 9 mos., 13 days, to 30th June	417 48	
		$2,951 48
(*b*) Maintenance of Department:		
Laboratory and Lecture Room supplies ($367.15):		
Bausch & Lomb Optical Co., jars, etc.	$10 10	
W. R. Brock Co., cotton	76 25	
T. W. Campion, rabbits	4 00	
R. Friedlander & Sohn, publications	6 74	
Peter Gray & Son, slide cabinet	15 10	
J. F. Hartz Co., bottles	4 00	

25. *Biological Building and Department.*—Continued.

Ingram & Bell, chemicals and supplies	98 94
Miller Mfg. Co., laboratory coats	17 50
J. G. Ramsey & Co., photographic supplies	35 38
Students' Book Dept., books	8 40
United Photographic Stores, Ltd., photographic supplies	12 00
University Press, printing	10 20
Vokes Hardware Co., hardware	4 00
Prof. Wright, disbursements:	
Postage, 7.59; rubber washers, $6.00; telegrams, $3.73; railway fare, $3.10; sundries, $2.20	22 62
Petty items (15)	15 12
Superintendent's Dept., labor, $14.05; material, $12.75	26 80
Museum Specimens ($184.80):	
Kny-Scheerer Co., specimens	174 82
Prof. Wright, petty disbursements	9 98
Museum Supplies and Cases ($219.70):	
Edward S. Field, cards	70 33
P. Wytsman, publications	60 81
Petty items (2)	1 65
Superintendent's Dept., labor, $34.47; material, $52.44	86 91
Marine and Lake Laboratories ($203.76):	
Travelling and other expenses:	
W. H. T. Baillie	50 00
A. R. Cooper	7 60
A. D. Robertson	34 95
V. F. Stock	50 00
N. A. Wallace	50 00
H. T. White	7 45
Prof. Wright, petty disbursements	3 76
Students' Laboratory Supplies ($742.10):	
Bausch & Lomb Optical Co., bottles	22 89
W. R. Brock Co., cloth	33 31
T. W. Campion, rabbits	3 00
J. Coulter Co., cases and bags	22 00
Diamond Flint Glass Co., bottles	5 25
J. J. Dickson, frogs	60 00
The T. Eaton Co., crocks, etc.	3 48
Freyseng Cork Co., corks	7 06
J. F. Hartz Co., slide boxes	52 00
Inland Revenue Dept., methylated spirits	62 97
C. A. F. Kahlbaum, chemicals	26 85
Klönne & Müller, supplies	36 91
Kny-Scheerer Co., supplies	5 31
Lyman Bros., & Co., chemicals	8 50
Marine Biological Laboratory, specimens, etc.	16 06
J. Stevens & Sons, Ltd., section lifters	6 75
Students' Book Dept., books	14 75
G. F. Townsend, rabbits	57 50
University Press, printing and supplies	165 75
W. Lloyd Wood, chemicals	41 46
Carl Zeiss, apparatus	16 23
Freight charges	28 39
Petty items (10)	10 75
Superintendent's Dept., labor, $19.40; material, $20.53	39 93
	$747 10
Less sundry credits	5 00
	$742 10
New Microscopes and Apparatus ($176.22):	
T. Eaton Co., Ltd., microscopes	$210 00
R. Jung, apparatus	27 25
Ernst Leitz, apparatus	77 03

25. *Biological Building and Department.*—Continued.

H. W. Spence, repairs to apparatus	27 85	
Spencer Lens Co., holder	3 69	
Superintendent's Dept., labor, $3.60; material, $2.30	5 90	
	$351 72	
Less received from sale of old microscopes	175 50	
	$176 22	
Furnishings and Departmental Fittings ($192.06):		
Adams Furniture Co., stools	16 50	
Office Specialty Mfg. Co., fyling cabinets	17 55	
Robert Simpson Co., table cover	2 25	
Freight charges	45	
Superintendent's Dept., labor, $74.02; material, $81.29	155 31	
Incidentals ($103.58):		
Bausch & Lomb Optical Co., resharpening knives	13 75	
University Press, stationery and printing	18 35	
Freight charges	57 23	
Petty Items (6)	4 70	
Superintendent's Dept., labor, $1.00; material, $8.55	9 55	
Messenger Service ($247.00):		
A. Nicholls, 1 month to 14th October	25 00	
Harold Phillips, 37 weeks to 30th June at $6.00	222 00	
		$2,436 37
		$5,387 85

26. *Sub-Department of Botany.*

Apparatus and Equipment ($1,149.07):		
Baird & Tatlock, Ltd., apparatus	$15 83	
J. F. Hartz Co., Ltd., apparatus	600 50	
Jas. Hutton & Co., apparatus	36 00	
R. Jung, apparatus	18 97	
Lymans, Ltd., automatic still	19 80	
H. W. Spence, microtome	105 00	
Topley Company, microscopes and apparatus	237 73	
Petty items (3)	2 36	
Superintendent's Dept., labor, $52.52; material, $60.36	112 88	
Laboratory and Office supplies and class material ($437.92):		
Bausch & Lomb Optical Co., chemicals	9 59	
T. Eaton Co., cloth	26 67	
J. S. Henson, photographic supplies	41 75	
J. F. Hartz Co., Ltd., slide boxes, etc.	18 35	
Library Bureau of Canada, guides	23 50	
Merck & Co., chemicals	14 88	
J. G. Ramsey & Co., photographic supplies	59 06	
O. B. Stanton & Wilson Co., cards	2 15	
R. B. Thomson, disbursements:		
Supplies, $12.88; postage, $10.85; express and cartage, $4.58; car fare, $3.95; sundries, $9.29	41 55	
Topley Company, chemicals, slides and supplies	163 17	
University Press, printing and stationery	195 20	
Petty items (2)	2 50	
Freight charges, $1.55; postage, $6.00	7 55	
	$605 92	
Less received from sale of supplies to students	168 00	
	$437 92	
Museum supplies ($426.99):		
E. Bartholomew, publications	41 25	
F. S. Collins, publications	10 06	

26. *Sub-Department of Botany.*—Continued.

A. J. Eames, specimens	150 20	
J. H. Faull, petty disbursements	8 00	
Romeyn B. Hough, publications	5 26	
C. D. Howe, petty disbursements	8 82	
Inland Revenue Dept., methylated spirits	25 05	
Leon Lhomme, books	9 69	
Topley Company, jars	75 30	
O. B. Stanton & Wilson Co., numbers	3 35	
University Press, stationery	16 25	
W. Lloyd Wood, chemicals	9 50	
Freight charges	14 98	
Petty items (5)	7 70	
Superintendent's Dept., labor, $40.20; material, $1.38	41 58	
Herbarium ($127.42):		
Max Koch, specimens	29 52	
J. E. Tilden, specimens	24 60	
University Press, cards	6 25	
J. White, collection and preparation of specimens, 191 sheets at 20c.	38 20	
Superintendent's Dept., labor, $17.45; material, $11.40	28 85	
Botanic Garden and Greenhouse supplies, materials and labor ($407.42):		
R. H. Bullen, loam	5 00	
Thos. Meehan & Sons, seeds	7 94	
J. A. Simmers, seeds	7 99	
J. M. Thorburn & Co., specimens	39	
R. B. Thomson, petty disbursements	5 00	
University Press, paper	1 25	
Wilson Stationery and Printing Co., binders	8 25	
Superintendent's Dept., labor, $5.20; material, $2.40	7 60	
Laborers at $50.00 per month:		
Lewis Mann, 4½ months	212 00	
M. Burford, 3 months and 1 day	152 00	
Assistance in Museum and Herbarium out of term ($381.00):		
A. R. Cresswell, making 200 slides at 12½c.	25 00	
J. R. Dymond, arrangement of specimens	40 00	
Miss J. McFarlane, 265 hours at 40c.	106 00	
W. A. McCubbin, 1¾ months	85 00	
Miss Marjorie Gordon, 244 hours at 25c.	61 00	
J. H. White, 60 hours at 50c.	30 00	
Sidney E. Williams, 135 hours at 20c.	27 00	
W. S. Funnell, 20 hours at 35c.	7 00	
		$2,929 82

27. *Department of Bio-Chemistry.*

Maintenance, laboratory supplies and material ($1,287.50):		
Art Metropole, stationery	$7 25	
Baird & Tatlock, Ltd., chemicals, glassware and supplies	402 18	
Dominion Carbonic Co., gas	11 25	
Eimer & Amend, chemicals	28 12	
Freyseng Cork Co., corks	8 23	
Fletcher Mfg. Co., cups	3 75	
Ingram & Bell, chemicals	13 89	
Inland Revenue Dept., methylated spirits	31 60	
Lake Simcoe Ice Supply Co., ice	16 25	
Library Bureau of Canada, cases and cards	68 22	
Lyman Bros., & Co., chemicals	144 24	
A. B. Macallum, disbursements:		
Groceries, $6.92; specimens, $5.28; sundries, $7.88	20 08	

27. *Department of Bio-Chemistry.*—Continued.

A. Bruce Macallum, diagrams		18 00	
T. J. McDonnell, guinea-pigs		10 00	
A. Montaudon, models		116 06	
Jas. Morrison Brass Mfg. Co., castings		10 77	
Ontario Rubber Co., tubing		18 43	
Ryrie Bros., Ltd., stop-watch		11 50	
Silica Syndicate, apparatus		20 32	
Students' Book Dept., text-books		115 00	
University Press, printing and stationery		105 70	
United Typewriter Co., typewriter, $60.00; inspection, $9.00; supplies, $1.75		70 75	
S. S. White Dental Mfg. Co., oxygen		9 40	
Carl Zeiss, apparatus		92 24	
Freight charges		30 13	
Petty items (6)		10 65	
Superintendent's Dept., labor, $32.25; material, $14.24		46 49	
		$1,440 50	
Less received from students for breakages, etc.		153 00	
		$1,287 50	
Alterations to Rooms and Laboratories ($1,081.90):			
S. R. Hughes, alterations in laboratory		$791 38	
Superintendent's Dept., labor, $117.15; material, $173.37		290 52	
			$2,369 40
Interim appropriation in advance for 1912-13:			
Superintendent's Dept., labor	$375 98		
Material	383 42		
Carried forward to 1912-13	$759 40		

28. *Department of Physiology.*

Maintenance, laboratory supplies and material $1,325.04):			
Aikenhead Hardware, Ltd., hardware		$9 49	
F. E. Becker & Co., glassware, slides and chemicals		436 52	
F. J. Burns & Co., frogs		5 40	
Prof. Brodie, disbursements:			
Hardware, $31.38; laboratory and office supplies, $22.05; animals, $12.60; car fares and postage, $12.55; sundries, $9.10	$87 68		
To be accounted for, 1912-13	27 32		
		115 00	
Connersville Blower Co., blower		18 00	
Eimer & Amend, chemicals		6 92	
Elevator Specialty Co., winding motor		16 00	
J. A. Fontaine, frogs		40 00	
Harvard Apparatus Co., covers		4 70	
J. F. Hartz Co., Ltd., chemicals and supplies		29 35	
Rice Lewis & Son, hardware		23 13	
Library Bureau of Canada, boxes, cards, etc.		30 96	
Lyman Bros. & Co., chemicals		58 21	
Norman Macdonald, carborundum		4 49	
Jas. Morrison Brass Mfg. Co., castings		5 73	
National Drug and Chemical Co., chemicals		12 45	
C. F. Palmer, kymograph paper		10 58	
Photography, Dept. of., slides		6 30	
Wm. Staughton, animal fodder		97 68	
Students' Book Dept., text-books		55 75	
Toronto Dog and Cat Hospital, animals		153 50	
United Typewriter Co., typewriter supplies		10 90	
University Press, stationery and printing		56 95	
John Weiss & Son, chemicals		7 90	

28. *Department of Physiology.*—Continued.

W. Lloyd Wood, chemicals		19 65	
Freight charges		13 09	
Petty items (2)		2 58	
Superintendent's Dept., labor, $84.16; material, $21.65		105 81	
		$1,357 04	
Less sale of material to Tulane University		32 00	
		$1,325 04	
Apparatus ($523.70):			
F. C. Jacob		78 84	
Northern Electric & Mfg. Co.,		22 19	
John Weiss & Son, Ltd.		137 48	
Carl Zeiss		285 19	
Glass for glass-blowing purposes ($215.65):			
F. E. Becker & Co., Ltd.		215 65	
Laboratory addition ($249.84):			
Canadian General Electric Co., motor		52 00	
Central Electric & S. S. Co., motor		45 00	
Dodge Mfg. Co., pulley and shafting		13 47	
Vokes Hardware Co., bench vice		3 25	
Superintendent's Dept., labor, $39.63; material, $96.49		136 12	
Destruction of Animals ($87.89):			
Connell Anthracite Mining Co., fuel		10 30	
F. L. Robinson, destroying animals		15 00	
Superintendent's Dept., labor		62 59	$2,402 12
Interim appropriation in advance for 1912-13:			
Alterations and Equipment ($2,818.86):			
Canadian General Electric Co., motor	$82 50		
Library Bureau of Canada, desk	22 50		
Reid & Brown, castings	16 50		
R. Robertson & Sons, masonry	6 55		
Superintendent's Dept., labor, $1,589.04; material, $1,101.77	2,690 81		
Carried forward to 1912-13	$2,818 86		

29. *Chemical Building and Department.*

(*a*) Maintenance of Building:	
Gas, city current and occasional fuel ($450.80):	
Consumers' Gas Co., gas	$197 26
Toronto Electric Light Co., electrical current	243 21
Connell Anthracite Mining Co., fuel	10 33
Water ($56.88):	
City Treasurer, water	56 88
Caretaker's Supplies ($105.44):	
Superintendent's Dept., supplies	105 44
Cleaning ($486.03):	
Allen Mfg. Co., washing towels	3 02
Canadian Window Cleaning Co., cleaning windows	11 00
Pay lists, wages of cleaners	472 01
Repairs and Renewals ($719.83):	
Adams Furniture Co., chairs	31 25
Common Sense Mfg. Co., exterminating rats	5 00
R. Robertson & Sons, cutting floor	10 00
Superintendent's Dept., labor, $437.40; material, $241.68	679 08
	$725 33
Less sundry credits	5 50
	$719 83

29. *Chemical Building and Department.*—Continued.

Caretaker, E. Repath (paid as Laboratory Attendant, with rooms, fuel and light chargeable against building and included in above)	.....	
		$1,818 98

(*b*) Maintenance of Department:

Chemicals, glassware and apparatus ($2,513.11):		
Aikenhead Hardware, Ltd., hardware	$17 51	
Baird & Tatlock, Ltd., chemicals, supplies and apparatus	933 55	
Bausch & Lomb Optical Co., apparatus	423 08	
Canadian General Electric Co., carbons	3 83	
Dominion Carbonic Co., oxygen	7 50	
T. Eaton Co., Ltd., bowls	5 28	
Eimer & Amend, platinum, $124.34; chemicals, $8.68	133 02	
Fletcher Mfg. Co., tripods, etc.	10 60	
Freyseng Cork Co., corks	12 89	
G. M. Hendry & Co., blackboards, brushes, etc.	55 40	
C. A. F. Kahlbaum, chemicals	1,072 45	
Prof. Lang, petty disbursements	8 14	
Lyman Bros. & Co., chemicals	64 55	
D. McLean, supplies	5 73	
Moyes Chemical Co., cartridges	10 80	
Nerlich & Co., glassware	7 70	
Office Specialty Mfg. Co., cabinet	2 70	
Ontario Rubber Co., tubing	112 50	
Photography, Dept. of, slides	60	
Charles Potter, condensers	6 00	
University Press, printing and stationery	188 09	
Freight charges	147 08	
Superintendent's Dept., labor, $9.21; material, $75.70	84 91	
	$3,313 91	
Less paid by Prof. Lang from students' account	800 80	
	$2,513 11	
Laboratory shelving, cupboards, etc. ($84.02):		
Superintendent's Dept., labor, $41.90; material, $42.12	84 02	
		$2,597 13
		$4,416 11

30. *Sub-Department of Physical Chemistry.*

Chemicals, apparatus and maintenance ($602.61):		
Robt. N. Ahern, calculator ($390.00, of which $200.00 charged to Surveying)	$190 00	
Bausch & Lomb Optical Co., apparatus	7 13	
Canadian Seamless Wire Co., wire	4 44	
Eimer & Amend, chemicals	13 23	
Fletcher Mfg. Co., apparatus and supplies	52 80	
G. E. Gollop, petty sundries	6 75	
A. O. Heath, motor	11 00	
Lake Simcoe Ice Supply Co., ice	9 30	
Leeds & Northrup Co., supplies	3 22	
F. D. Mezen, glass blowing (outside regular hours)	5 00	
F. H. Robinson, repairs to chronograph	5 25	
Ryrie Bros., Ltd., watch	6 50	
Thermos Bottle Co., extraction apparatus	6 50	
United Typewriter Co., typewriter	70 00	
University Press, stationery and printing	14 95	
Freight charges	4 02	
Petty items (5)	5 67	
Superintendent's Dept., labor, $126.62; material, $60.23	186 85	
		$602 61

31. *Physics Building and Department.*

(*a*) Maintenance of Building:		
Gas, city current and occasional fuel ($421.41):		
Consumers' Gas Co., gas	$66 50	
Toronto Electric Light Co., electrical current	335 15	
	$401 65	
Less paid by Societies, etc.	10 00	
	$391 65	
Connell Anthracite Mining Co., fuel	29 76	
Water ($438.42):		
City Treasurer, water	438 42	
Caretaker's Supplies ($161.75):		
Superintendent's Dept., supplies	161 75	
Cleaning ($800.99):		
Allen Mfg. Co., washing towels	12 79	
Canadian Window Cleaning Co., cleaning windows	33 00	
Pay Lists, wages of cleaners	761 20	
	$806 99	
Less paid by Societies, etc.	6 00	
	$800 99	
Repairs and Renewals ($1,255.97):		
Adams Furniture Co., chairs	31 25	
Aikenhead Hardware, Ltd., locks	141 04	
Wm. Bartlett & Son, shades	20 50	
City Treasurer, elevator license	2 00	
Common Sense Mfg. Co., exterminating rats	5 00	
Elevator Specialty Co., repairs to elevator	16 20	
Johnson Temperature Regulating Co., repairs to regulators	20 05	
R. Robertson & Sons, cutting wall	15 00	
Superintendent's Dept., labor, $588.88; material, $418.75	1,007 63	
	$1,258 67	
Less sundry credits	2 70	
	$1,255 97	
Caretaker, J. Wicksey (paid also $300.00 as laboratory carpenter)	550 00	
		$3,628 54
(*b*) Maintenance of Department:		
Laboratory and workshop supplies ($1,738.71):		
Aikenhead Hardware, Ltd., hardware	$239 13	
Art Metropole, Ltd., stationery	8 33	
F. E. Becker & Co., tubing	72 33	
Wm. Blaikie, castings	19 90	
British Aluminium Co., aluminium	5 40	
British American Oil Co., oil	3 25	
Buchler & Co., polonium	17 26	
Cambridge Scientific Instrument Co., burners	3 01	
John Catto & Son, cloth	4 00	
Central Electric & S. S. Co., supplies	236 10	
Consumers' Gas Co., tubing	12 50	
Dominion Carbonic Co., gas	21 00	
Dental Mfg. Co., chemicals	14 26	
T. Eaton Co., Ltd., chemicals and supplies	32 02	
Eimer & Amend, chemicals	13 66	
Elevator Specialty Co., repairs to motor	8 00	
Wm. Gaertner, scales, etc.	30 65	
Robert Goetze, thermometers	52 02	
Philip Harris & Co., supplies	7 49	
W. C. Heraeus, supplies	44 44	
Adam Hilger, Ltd., echelon, etc.	58 71	
D. J. Howell, plates	12 60	

31. *Physics Building and Department.*—Continued.

Hopkins & Williams, Ltd., chemicals	13 26	
Ilford, Limited, plates	29 76	
Max Kohl, discs	5 60	
Fritz Köhler, blowpipe	8 53	
Lake Simcoe Ice Supply Co., ice	26 75	
Ernst Leitz, carbons	7 56	
Lyman Bros. & Co., chemicals	67 08	
Prof. J. C. McLennan, disbursements:		
Postage, $12.57; laboratory supplies, $5.57; repairs, $4.25; messenger service, $2.10; sundries, $7.27	31 76	
R. Müller-uri, tubes, dishes, etc.	285 09	
Ontario Rubber Co., tubing, etc.	33 06	
Sanderson Pearcy & Co., paint, etc.	12 54	
Chas. Potter, gas	7 50	
Berthold M. Prange, prisms	12 87	
W. G. Pye & Co., tubing	16 46	
J. G. Ramsey & Co., photo supplies	29 20	
Silica Syndicate, Ltd., burners, etc.	10 25	
Students' Book Dept., text-books	8 00	
Toronto Salt Works, salt	9 40	
Treloar, Blashford & Co., castings	24 17	
University Press, printing	63 23	
Wheeler & Bain, tanks, etc.	23 25	
Freight charges	47 11	
Petty items (12)	19 12	
Superintendent's Dept., labor, 25c.; material, $30.85	31 10	
Apparatus ($2,005.71):		
Baird & Tatlock, Ltd.	133 06	
Cambridge Scientific Instrument Co.	239 89	
J. Carpentier	145 11	
Günther & Tegelmeyer	96	
Hartmann & Braun	7 59	
J. F. Hartz Co., Ltd.	16 00	
Adam Hilger, Ltd.	305 78	
Johnson, Matthey & Co., Ltd.	94 84	
A. Jobin	65 39	
Ernst Leitz	254 03	
W. E. Pain	51 95	
R. W. Paul	85 56	
W. G. Pye & Co.	262 84	
W. Wilson	37 72	
Otto Wolff	140 72	
Wratten & Wainwright, Ltd.	85 16	
Freight charges	76 34	
Superintendent's Dept., material	2 77	
Experimental tables, cases, books, charts, etc. ($387.26):		
Adams Furniture Co., chairs	21 50	
Aikenhead Hardware, Ltd., felt, etc.	5 59	
W. Booth Lumber Co., lumber	100 89	
J. F. Hartz Co., Ltd., screen	8 50	
S. Hirzel, book	3 29	
Wilhelm Knapp, books	4 44	
Mackenzie & Co., Ltd., framing	19 00	
MacMillan & Co., Ltd., books	7 45	
Masson et Cie, book	70	
J. McCausland & Son, glass	12 50	
New Era Printing Co., prints	5 86	
J. G. Ramsey & Co., bellows	12 60	
R. Robertson & Sons, stone table	52 95	
Students' Book Dept., books	14 35	
Taylor & Francis, reprints, etc.	12 35	
University Press, fyling cases, etc.	40 65	
Freight charges	2 18	
Superintendent's Dept., labor, $34.36; material, $28.10	62 46	
		$4,131 68
		$7,760 22

32. *Sub-Department of Astro-Physics.*

Maintenance ($302.99):		
Art Metropole, Ltd., supplies	$5 55	
Central Electric & S. S. Co., lenses	21 70	
W. Goodacre, map	6 21	
D. J. Howell, plates	7 05	
Library Bureau of Canada, cabinet	17 10	
Lyman Bros. & Co., chemicals	8 73	
Chas. Potter, carrier	4 50	
Photography, Dept. of, prints	11 75	
J. G. Ramsey & Co., supplies	15 60	
G. W. Ritchey, prints	20 00	
United Typewriter Co., typewriter	95 00	
University Press, stationery, printing and binding	40 10	
Wheeler & Bain, utensils	5 75	
Freight charges	15 30	
Superintendent's Dept., labor, $22.05; material, $6.60	28 65	
Apparatus ($727.86):		
Felix L. Daines, astronomical atlas	28 77	
R. Fuess, apparatus	56 79	
Mount Wilson Solar Observatory, slides	29 60	
T. S. Plaskett, work on apparatus	18 75	
Smithsonian Institute, apparatus	100 15	
Students' Book Dept., books	10 15	
The Topley Co., apparatus	474 25	
Superintendent's Dept., labor, $35.05; material, $4.35	39 40	
	$757 86	
Less received from sale of old telescope	30 00	
	$727 86	
Assistance at Lectures and practical work ($200.00):		
F. L. Blake	100 00	
E. Evans	50 00	
E. A. Hodgson	50 00	
		$1,230 85

33. *Geological Department.*

Maintenance ($539.21):		
Art Metropole, Ltd., stationery	$20 60	
Bausch & Lomb Optical Co., magnifiers	45 00	
Chemical Laboratories, Ltd., chemicals	16 13	
Dominion Paper Box Co., trays	18 37	
Eimer & Amend, glasses	1 86	
Lester Storage & Cartage Co., cartage	21 35	
Office Specialty Mfg. Co., fyles and cards	31 75	
Prof. W. A. Parks, disbursements:		
Postage and express, $9.10; sundries, $7.84	16 94	
Photography, Dept. of, slides	41 35	
D. Pike Co., bags	50 00	
A. J. Reading, slides	5 60	
R. R. Rose, map	15 00	
C. Tarling & Co., mounting maps	3 75	
The Topley Co., magnifiers and rulers	65 90	
J. Townsend, classifying fossils, 31 days at $2.00	62 00	
U. S. Geological Survey, maps	7 56	
University Press, printing	41 85	
Whitman & Barnes Co., tools	45 75	
Freight charges	10 15	
Superintendent's Dept., labor, $51.78; material, $29.57	81 35	
	$602 26	
Less received from students for breakages, etc.	63 05	
	$539 21	

33. *Geological Department.*—Continued.

Economic Geology, Specimens and Material ($88.08):		
W. E. Brown, alluvial gold	36 00	
A. A. Cole, prints of specimens	15 00	
Prof. W. A. Parks, travelling expenses	37 08	
Palæontological Specimens ($500.00):		
Alex. McLean, advance for travelling expenses of expedition	500 00	
Diamond sawing machine ($160.00):		
A. R. Williams Machinery Co. (part cost, balance in Mineralogy)	160 00	
Storage Cases ($213.50):		
Chas. Rogers & Sons Co., specimen cases	96 00	
Superintendent's Dept., labor, $98.45; material, $19.05	117 50	
Clerical Assistance ($400.00):		
Miss A. M. Young, 181½ days at $2.00	363 00	
Miss M. E. L. Thompson, 18½ days at $2.00	37 00	
Student Assistance ($20.00):		
D. Freeman	5 00	
E. P. Hodgins	5 00	
E. J. Whittaker	5 00	
F. J. Alcock	2 50	
A. F. Mahaffy	2 50	
Travelling collector ($340.00):		
J. Townsend, 4½ months at $50.00	225 00	
Expenses	115 00	
		$2,260 79

34. *Mineralogical Department.*

Maintenance ($450.24):		
Bausch & Lomb Optical Co., repairs	$5 06	
Beaver Flint Glass Co., tubes	9 20	
T. Eaton Co., Ltd., bags	9 00	
Foote Mineral Co., supplies	10 00	
Lester Storage & Cartage Co., cartage	10 85	
Office Specialty Mfg. Co., cards, etc.	14 40	
Sanderson Pearcy & Co., chemicals	3 45	
Photography, Dept. of, slides, etc.	24 30	
O. B. Stanton Co., fyling cases	8 25	
Toronto Plate Glass Co., glass	4 43	
U. S. Geological Survey, maps	3 03	
University Press, printing and stationery	58 15	
Voigt & Hochgesang, thin sections	92 08	
Prof. T. L. Walker, disbursements:		
Postage and express, $10.73; supplies, $6.45; cablegram, $3.25; sundries, $3.18	23 61	
Ward's Natural Science Establishment, supplies	78 15	
White & Thomas, screen	4 25	
Freight charges	43 56	
Petty items (4)	3 62	
Superintendent's Dept., labor, $26.41; material, $40.34	66 75	
	$472 14	
Less received from students for breakages, etc.	21 90	
	$450 24	
Apparatus ($422.61):		
J. F. Hartz Co., microscopes	347 60	
F. Krantz, apparatus	75 01	
Diamond Sawing Machine ($160.00):		
A. R. Williams Machinery Co. (part cost, balance in Geology)	160 00	
Cases and Trays ($284.67):		
Dominion Paper Box Co., boxes	23 75	
Office Specialty Mfg. Co., cases	178 13	
Superintendent's Dept., labor, $78.64; material, $4.15	82 79	

34. *Mineralogical Department.*—Continued.

Mineral and Rock Specimens and Travelling Expenses in collecting ($592.63):		
Foote Mineral Co., specimens	222 05	
F. Krantz, specimens	21 84	
D. L. Mackenzie, specimens	25 00	
Natural Science Establishment, specimens	46 15	
Scheelite Mines, Ltd., specimens	25 00	
Ward's Natural Science Establishment, specimens	169 23	
Prof. T. L. Walker, travelling expenses	83 36	
Clerical Assistance ($2.98):		
Miss Elaine Myers, 8½ hours	2 98	
		$1,913 13

35. *Psychological Department.*

Maintenance ($542.01):		
Canada Furniture Mfrs., Ltd., chairs	$36 00	
Canadian Westinghouse Co., motors	44 48	
Central Electric & S. S. Co., wire	5 40	
Gas Control Co., governor	4 20	
J. W. Geddes, frames	16 00	
Grand & Toy, supplies	7 55	
G. M. Hendry Co., paper, etc.	9 92	
Jas. McKenney, chemicals	6 45	
Chas. Scribner's Sons, books	3 50	
W. G. Smith, disbursements:		
Supplies, $18.44; chemicals, etc., $5.93; plates and brushes, $3.65; sundries, $4.98	33 00	
Students' Book Dept., books	29 85	
University Press, printing	29 30	
United Photographic Stores, supplies	10 47	
Freight charges	37	
Superintendent's Dept., labor, $265.62; material, $39.90	305 52	
Clerical Assistance ($150.00):		
Miss Edith Staples, 75 days at $2.00	150 00	
		$692 01

36. *Mathematical Department.*

Class Room Supplies ($10.80):		
Students' Book Dept., interest tables	$10 00	
University Press, paper	80	
		$10 80

37. *Sub-Department of Mechanics.*

Maintenance ($86.07):		
Aikenhead Hardware, Ltd., hardware	$7 96	
Art Metropole, Ltd., stationery	5 75	
T. Eaton Co., Ltd., table	3 50	
McGraw Hill Book Co., books	4 28	
University Press, stationery	2 00	
D. Van Nostrand Co., books	26 88	
W. J. T. Wright, drawings	10 00	
Freight charges	1 70	
Superintendent's Dept., labor, $13.00; material, $11.00	24 00	
Apparatus ($228.73):		
Aikenhead Hardware, Ltd., tools	48 50	
Bausch & Lomb Optical Co., apparatus	110 71	
Schofield-Holden Machine Co., apparatus	43 88	
Freight charges	65	
Superintendent's Dept., labor, $19.49; material, $5.50	24 99	
		$314 80

38. *Political Science.*

Edward Stanford, maps	$38 16	
University Press, printing	36 45	
Freight charges	9 71	
Superintendent's Dept., labor, $18.35; material, $7.75	26 10	
		$110 42

39. *History.*

Bryant Press, cards	$9 00	
University Press, stationery	13 10	
		$22 10

40. *Italian and Spanish.*

T. Eaton Co., supplies	$2 50	
Prof. W. H. Fraser, petty disbursements	5 00	
Office Specialty Mfg. Co., fyling cabinet	45 00	
Photography, Dept. of, slides	4 20	
A. J. Reading, slides	70	
Students' Book Dept., books	14 65	
University Press, cards and printing	23 60	
		$95 65

41. *University College Departments.*

(*a*) Greek ($3.15):	
A. J. Reading, slides	$3 15
(*b*) Latin ($66.96):	
Miss A. S. Meen, copying	1 50
Photography, Dept. of, slides	12 55
A. J. Reading, slides	8 55
University Press, printing	44 36
(*c*) Ancient History ($20.80):	
University Press, stationery	19 00
Superintendent's Dept., supplies	1 80
(*d*) English ($806.50):	
Reading Essays ($800.00):	
Mrs. P. Cudmore	200 00
Miss H. G. Macdonald	200 00
Miss Mabel Millman	200 00
Mrs. M. Wallace	200 00
Class Room Supplies ($6.50):	
University Press	6 50
(*e*) French ($98.18):	
Dr. A. Hamilton, book	8 88
A. J. Reading, slides	2 80
Students' Book Dept., books	66 80
University Press, stationery and printing	19 70
(*f*) German ($33.05):	
Photography, Dept. of, slides	9 90
Students' Book Dept., books	18 80
University Press, printing	4 35
(*g*) Orientals ($55.60):	
Wm. Briggs, binding	2 80
Students' Book Dept., books	32 40
Superintendent's Dept., material	20 40

41. *University College Departments.*—Continued.

(*h*) Ethics ($33.02):		
Canada Furniture Mfrs., Ltd., chairs	14 40	
J. W. Geddes, frames	12 00	
University Press	5 60	
Freight charges	1 02	
(*i*) General Expenses:		
Stationery, etc. ($26.13):		
The Bursar, postage supplied	5 00	
University Press	21 13	
Advertising ($3.65):		
Evening Telegram	2 05	
News Printing Co.	1 60	
Incidentals ($328.25):		
Gourlay, Winter & Leeming, piano hire	49 00	
Librairie Beauchemin, typewriter	96 00	
Macey Office Equipment Co., desk and chairs	55 50	
Matthews Bros., frames	4 10	
Toronto Railway and Steamboat Guide Co., subscription to Guide	5 45	
Miss Wreyford, physical instruction to women students	117 50	
Freight charges	70	
Clerical Assistance to Registrar ($47.40):		
Miss A. R. Whalley, 118½ hours at 40c.	47 40	
		1,522 69

42. *World History.*

University Press, printing	$7 25	
		$7 25

43. *Trinity College Service.*

The Bursar, Trinity College, students' car fares paid for transportation to University lectures	$788 12	
		$788 12

44. *University Extension.*

(*a*) Summer Session, 1911 ($2,726.71):		
Payments to teachers and assistants:		
Lecturers: W. H. Clawson, English	$200 00	
J. H. Cameron, French	250 00	
S. Beatty, Mathematics	200 00	
E. F. Burton, Physics	200 00	
W. H. Piersol, Biology	250 00	
J. H. Faull, Botany, $250 00; expenses, $3.52	253 52	
J. R. Seavey, Art, $400.00; expenses, $47.45	447 45	
G. D. Robertson, Commerce	250 00	
J. W. Barton, Physical Training	250 00	
Assistants: W. T. Kennedy, Physics	125 00	
G. H. Graham, Biology	125 00	
J. H. White, Botany	125 00	
Attendants: Joseph Allen, 2 nights	4 00	
J. Wicksey, 3 nights	6 00	
A. Bain, 53 hours at 25c.	13 25	
T. Eaton Co., Ltd., models	2 80	
G. M. Hendry Co., clay	9 50	
Dr. A. H. Abbott, for cartage, etc.	1 54	
Superintendent's Dept., labor, $9.00; material, $4.65	13 65	

44. *University Extension.*—Continued.

(Amount paid by the Provincial Government on account of Session, 1911, $976.94, credited to Revenue from fees.)

Preliminary Expenses, Summer Session, 1912 ($113.40):		
Alex. Provan, food supplies for Household Science instruction	39 60	
University Press, printing	73 80	
(*b*) Teachers' Course ($55.70):		
Remuneration to Instructors:		
L. H. Corbett, extra payment in addition to remuneration as Sessional Instructor	$50 00	
University Press, printing	5 70	
(*c*) Local Lectures ($360 65):		
Remuneration to Lecturers, expenses, etc. ($332.75):		
A. H. Abbott	$10 00	
W. J. Alexander	10 00	
J. A. Amyot	15 00	
R. W. Angus	5 00	
J. Home Cameron	5 00	
C. A. Chant	20 00	
A. P. Coleman, $35.00; expenses, $1.50	36 50	
H. T. J. Coleman	10 00	
R. Davidson	15 00	
V. E. Henderson	10 00	
L. E. Horning	20 00	
M. Hutton	5 00	
G. W. Johnston	25 00	
D. R. Keys	20 00	
E. J. Kylie	5 00	
J. P. D. Llwyd, $10.00; expenses, $1.25	11 25	
J. F. McLaughlin	10 00	
G. H. Needler	5 00	
G. O. Smith	5 00	
G. S. Stevenson	10 00	
W. H. Vander Smissen	10 00	
M. W. Wallace	50 00	
R. H. Williams	5 00	
A. H. Young	10 00	
C. R. Young	5 00	
Printing, etc. ($27.90):		
Toronto Railway & Steamboat Guide Co., subscription to Guide	3 00	
University Press, printing, etc.	24 90	
(*d*) Office Expenses and Clerical Assistance ($779.95):		
The Bursar, postage supplied	37 00	
Nernst Lamp Co., stereopticon lamp	35 55	
Office Specialty Mfg. Co., fyling cases	1 60	
Students' Book Dept., blank books	5 00	
University Press, stationery and supplies	43 45	
United Typewriter Co., inspection of machine, $9.00; supplies, $3.60	12 60	
Superintendent's Dept., material	75	
A. H. Abbott, for services as Secretary	300 00	
Miss C. Mead, 27½ weeks, clerical assistance	344 00	
		$4,036 41
		$278,761 50

III. Faculty of Medicine.

45. *Salaries.*

Anatomy:		
J. P. McMurrich, Professor, 12 mos. to 30th June	$4,000 00	
J. C. Watt, Lecturer (Sessional)	1,200 00	
Demonstrators (Sessional):		
A. W. Canfield (paid also in Pediatrics)	150 00	
C. J. Copp	150 00	
N. D'Arcy Frawley	150 00	
W. B. Hendry (paid also in Gynaecology)	150 00	
E. R. Hooper	150 00	
W. W. Jones (paid also in Surgery)	150 00	
W. A. Scott (paid also in Surgery)	150 00	
C. B. Shuttleworth (paid also in Surgery)	150 00	
G. E. Wilson (paid also in Surgery)	150 00	
W. W. Wright	150 00	
O. A. McNichol	100 00	
N. S. Shenstone (paid also in Surgery)	100 00	
N. McIlveen, Technical Assistant, 12 mos. to 30th June	400 00	
G. Lynne, Attendant, Dissecting Room, 12 mos. to 30th June	800 00	
		$8,100 00
Pathology and Bacteriology:		
J. J. Mackenzie, Professor, 12 mos. to 30th June	$3,600 00	
D. Graham, Lecturer in Bacteriology (Sessional)	1,500 00	
C. O. E. Kister, Fellow (Sessional)	500 00	
Demonstrators (Sessional)—		
W. E. Gallie, also Assistant Curator of Pathological Museum (paid also in Surgery)	300 00	
O. R. Mabee	150 00	
A. J. Mackenzie	150 00	
B. O'Reilly (paid also in Medicine)	150 00	
G. S. Strathy (paid also in Medicine)	150 00	
F. E. Watts	150 00	
D. E. Robertson	100 00	
A. H. Rolph	50 00	
Assistants in Clinical Laboratory (Sessional):		
D. H. Boddington (paid half in Chemical Pathology)	125 00	
N. T. Maclaurin	100 00	
Laboratory Attendants:		
A. Wilson, 12 mos. to 30th June, at $700, of which $300 charged as Caretaker Pathological building	400 00	
A. Ritchie, 1st July to 30th September, at $450 per annum (resigned)	112 50	
F. Thibault, 1st October to 30th June at $600 per annum	450 00	
Glass-blowers, share of salaries detailed under Physiology	100 00	
Miss I. E. Ruttan, stenographer, 12 mos. to 30th June	650 00	
		$8,737 50
Chemical Pathology:		
J. B. Leathes, Professor, 12 mos. to 30th June	$3,600 00	
H. S. Raper, Lecturer (Sessional)	1,300 00	
H. Orr, Fellow (Sessional)	500 00	
Assistants in Clinical Laboratory (Sessional):		
F. W. Rolph	250 00	
D. H. Boddington (paid half in Pathology)	125 00	
A. Husband, Laboratory Attendant, 12 mos. to 30th June	450 00	
Glass-blowers, share of salaries detailed under Physiology	100 00	
		$6,325 00
Pharmacy and Pharmacology:		
V. E. Henderson, Associate Professor, 12 mos. to 30th June	$2,300 00	
N. C. Sharpe, Fellow (Sessional)	500 00	

45. *Salaries.*—Continued.

Class Assistants (Sessional):		
A. A. Fletcher	50 00	
F. C. Harrison	50 00	
T. James, Laboratory Attendant, 12 mos. to 30th June	600 00	
		$3,500 00
Clinical Departments:		
Medicine and Clinical Medicine:		
Associates, 12 mos. to 30th June:		
W. Goldie } Clinical Medicine	350 00	
H. C. Parsons } Clinical Medicine	300 00	
W. J. McCollum } Medicine and Clinical Medicine	300 00	
J. H. Elliott } Medicine and Clinical Medicine	300 00	
Demonstrators in Clinical Medicine (Sessional):		
E. C. Burson	250 00	
F. A. Clarkson	250 00	
G. W. Howland	250 00	
H. S. Hutchison	250 00	
B. O'Reilly (paid also in Pathology)	250 00	
W. H. Pepler	250 00	
D. K. Smith	250 00	
C. J. Wagner	250 00	
W. F. McPhedran	150 00	
Assistants in Clinical Medicine (Sessional):		
J. S. Graham	150 00	
R. W. Mann	150 00	
J. H. McPhedran	150 00	
C. S. McVicar	150 00	
G. W. Ross	150 00	
G. E. Smith	150 00	
G. S. Strathy (paid also in Pathology)	150 00	
W. D. Young	150 00	
G. S. Young	100 00	
F. S. Vrooman	50 00	
Surgery and Clinical Surgery:		
Associates, 12 mos. to 30th June:		
C. B. Shuttleworth (paid also in Anatomy)	300 00	
J. F. Uren	300 00	
Demonstrators in Clinical Surgery, 12 mos. to 30th June:		
A. H. Garratt	300 00	
T. B. Richardson	300 00	
Demonstrators in Clinical Surgery (Sessional):		
W. W. Jones (paid also in Anatomy)	250 00	
W. J. O. Malloch	250 00	
E. S. Ryerson (paid also as Assistant Secretary to Faculty)	250 00	
W. A. Scott (paid also in Anatomy)	250 00	
G. Silverthorn	250 00	
Assistants in Clinical Surgery (Sessional):		
M. H. V. Cameron	150 00	
W. E. Gallie (paid also in Pathology)	150 00	
N. S. Shenstone (paid also in Anatomy)	150 00	
G. E. Wilson (paid also in Anatomy)	150 00	
A. B. Wright	150 00	
J. A. Roberts	100 00	
R. E. Gaby (paid also in Bio-Chemistry)	100 00	
Gynaecology:		
F. W. Marlow, Associate, 12 mos. to 30th June	300 00	
Demonstrators (Sessional):		
Helen MacMurchy	200 00	
A. C. Hendrick	150 00	
W. B. Hendry (paid also in Anatomy)	150 00	
F. A. Cleland	50 00	

45. *Salaries.*—Continued.

Obstetrics:		
F. Fenton, Associate, 12 mos. to 30th June	300 00	
Demonstrators (Sessional):		
J. A. Kinnear	250 00	
M. M. Crawford	200 00	
Assistant Demonstrators (Sessional):		
W. J. Mabee	100 00	
S. J. N. Magwood	100 00	
Laryngology:		
G. Boyd, Associate, 12 mos. to 30th June	300 00	
Demonstrators (Sessional):		
Perry Goldsmith	50 00	
G. Royce	50 00	
Therapeutics:		
Demonstrators (Sessional):		
S. Johnston } Anaesthesia	250 00	
R. J. MacMillan } Anaesthesia	50 00	
E. C. Cole	100 00	
Pediatrics:		
D. McGillivray, Demonstrator (Sessional)	250 00	
A. W. Canfield, Clinical Assistant (Sessional), paid also in Anatomy	150 00	
Psychiatry:		
J. M. Forster, Demonstrator (Sessional)	25 00	
		$11,175 00

Associate Professors (each 12 mos. to 30th June):		
Ernest Jones, Psychiatry	$350 00	
K. C. McIlwraith, Obstetrics	400 00	
J. M. MacCallum, Ophthalmology	400 00	
D. J. G. Wishart, Larnygology, etc.	450 00	
H. T. Machell, Obstetrics, etc.	450 00	
G. Chambers, Clinical Medicine	450 00	
A. R. Gordon, Clinical Medicine	450 00	
R. J. Dwyer, Clinical Medicine	450 00	
W. McKeown, Clinical Surgery	450 00	
C. L. Starr, Clinical Surgery, etc.	450 00	
W. B. Thistle, Clinical Medicine	600 00	
F. N. G. Starr, Clinical Surgery	600 00	
H. A. Bruce, Clinical Surgery	700 00	
A. Primrose, Clinical Surgery (paid also as Secretary to Faculty	700 00	
G. A. Bingham, Clinical Anatomy, etc.	700 00	
W. P. Caven, Clinical Medicine	700 00	
H. W. Aikins, Anatomy	700 00	
A. M. Baines, Clinical Medicine, etc.	700 00	
J. T. Fotheringham, Medicine and Clinical Medicine	700 00	
H. B. Anderson, Clinical Medicine	700 00	
		$11,100 00

Professors (each 12 mos. to 30th June):		
I. H. Cameron, Surgery and Clinical Surgery	$1,050 00	
A. McPhedran, Medicine and Clinical Medicine	1,050 00	
A. H. Wright, Obstetrics	1,050 00	
R. D. Rudolf, Therapeutics	1,000 00	
J. A. Amyot, Hygiene	1,000 00	
N. A. Powell, Medical Jurisprudence, etc.	700 00	
R. A. Reeve, Ophthalmology, etc.	450 00	
G. R. McDonagh, Larnygology, etc.	450 00	
G. S. Ryerson, Ophthalmology, etc.	450 00	
G. H. Burnham, Ophthalmology, etc.	450 00	
C. K. Clarke, Psychiatry (also Dean of the Faculty)	450 00	
N. H. Beemer, Mental Diseases (without salary)	.....	
J. A. Temple, for a series of lectures in Gynaecology (honorarium—paid also retiring allowance)	150 00	
		$8,250 00

45. *Salaries.*—Continued.

Secretary's Office:		
A. Primrose, Secretary to Faculty, 12 mos. to 30th June (paid also as Associate Professor)	$800 00	
E. S. Ryerson, Assistant Secretary, 12 mos. to 30th June (paid also in Clinical Surgery)	500 00	
Stenographers:		
Miss E. A. Jamieson, 12 mos. to 30th June	850 00	
Miss G. Coxall, 12 mos. to 30th June	600 00	
Miss E. V. Williamson, 21 August to 30 June, at $400	344 10	
		$3,094 10
		$60,281 60

46. *Retiring Allowances.*

Retiring allowances to the following Emeritus Professors (not to exceed 5 years):		
J. L. Davison (Third payment)	$500 00	
F. LeM. Grasett (Third payment)	500 00	
J. A. Temple (paid also honorarium for lectures in Gynaecology) (Third payment)	500 00	
L. Teskey (Third payment)	500 00	
W. Oldright (Second payment)	250 00	
W. T. Stuart (Second payment)	300 00	
		$2,550 00

47. *Anatomical Department.*

Anatomical Material ($1,545.50):	
J. M. Crawford	$64 00
H. Field	32 00
D. J. Harris	32 00
H. Hoffman	16 00
A. Klippert	16 00
F. W. Matthews	627 50
J. H. Millard	96 00
L. H. Nicholson	54 00
J. C. Nixon	32 00
H. R. Ranks	384 00
Jos. Rogers	32 00
Wm. Speers	144 00
Robt. White	16 00
Chemicals, Material for Preservation, etc. ($477.28):	
W. R. Brock Co., cloth	9 30
Canadian Oil Companies, chemicals	7 60
John Catto & Son, cloth	37 75
Ingram & Bell, chemicals	238 79
Inland Revenue Dept., methylated spirits	125 27
Freight charges	6 45
Superintendent's Dept., labor, $19.20; material $32.92	52 12
Incidental Expenses ($590.10):	
Aikenhead Hardware, Ltd., carborundum	3 00
John Catto & Son, supplies	35 64
Fletcher Mfg. Co., trays	12 00
J. F. Hartz Co., apparatus and supplies	320 05
Ingram & Bell, supplies	6 39
Miller Mfg. Co., coats	35 00
Office Specialty Mfg. Co., cards	2 65
Photography, Dept. of, slides	4 60
Russill Hardware Co., cups	3 00
Paul Seifert, specimens	51 00
Spencer Lens Co., slide cabinet	15 00
St. John's Hospital, S. S. J. D. aprons	16 00

47. *Anatomical Department.*—Continued.

United Typewriter Co., inspection of machine	9 00	
University Press, printing and stationery	21 20	
Freight charges	9 05	
Petty items (3)	2 73	
Superintendent's Dept., labor, $20.08; material, $23.71	43 79	
		$2,612 88

48. *Pathology and Bacteriology.*

Chemicals and Supplies ($545.61):		
Dominion Carbonic Co., gas	$52 50	
Dr. G. Grubler & Co., chemicals	5 88	
J. F. Hartz Co., Ltd., sharpening knives	12 45	
Ingram & Bell, chemicals	319 06	
Inland Revenue Dept., methylated spirits	95 60	
J. G. Ramsey & Co., chemicals	3 68	
Schering & Glatz, celloidin	8 16	
W. Lloyd Wood, chemicals	43 35	
Freight charges	4 93	
Apparatus ($388.55):		
Baird & Tatlock, Ltd.	61 45	
T. Eaton Co., Ltd.	6 48	
Eimer & Amend	45 00	
J. F. Hartz Co.	15 50	
Ingram & Bell	84 83	
Richards Bros.	69 65	
The Topley Co.	90 01	
Carl Zeiss	15 63	
Museum Glassware ($250.00):		
Eimer & Amend	250 00	
Incidental Expenses ($665.31):		
Adams Furniture Co., stools	40 80	
City Storage Co., cartage	22 50	
Ingram & Bell, repairs, $10.10; cotton supplies, etc., $16.53	26 63	
Lake Simcoe Ice Supply Co., ice	81 25	
Library Bureau of Canada, cabinet and cards	72 29	
Prof. J. J. Mackenzie, disbursements:		
Laboratory supplies, groceries, etc., $25.33; stencil paper, etc., $9.50; car fare and postage, $9.38; boiler, $6.00; express and cartage, $3.83; sundries, $4.53	58 57	
T. J. McDonnell, rabbits	10 80	
M. Rawlinson, cartage	6 25	
Scholey Bros., Ltd., slide boxes	7 50	
Robert Simpson Co., Ltd., desk and chair	31 75	
H. W. Spence, repairs	13 60	
T. R. Stafford, cartage	2 75	
F. Thibault, rabbits, etc.	20 50	
University Press, printing and stationery	39 70	
H. Wright, racks	25 40	
Freight charges	1 40	
Petty items (3)	2 79	
Superintendent's Dept., animal fodder, $201.30; material, $18.10	219 40	
	$1,868 04	
Less received from students for breakages	18 57	
		$1,849 47

49. *Chemical Pathology.*

Maintenance, Chemicals and Supplies ($564.83):		
Baird & Tatlock, Ltd., chemicals and apparatus	$49 04	
City Storage Co., cartage	10 75	

49. *Chemical Pathology.*—Continued.

T. Eaton Co., Ltd., crocks		26 00	
Eimer & Amend, chemicals		4 60	
C. Gripton, rubber stamps		3 50	
Ingram & Bell, apparatus		33 05	
International Instrument Co., cups		7 81	
Jarvis Sanitary Filter Co., filters		15 00	
Prof. J. B. Leathes, disbursements:			
Animals, $18.00; laboratory supplies, $11.50; car fare and postage, $2.30; sundries, $9.51		41 31	
Rice Lewis & Son, hardware		8 84	
Norton Co., crucibles		5 50	
University Press, printing		3 00	
Vereinigte Fabriken, chemicals		83 51	
Freight charges		51 01	
Superintendent's Dept., labor, $70.11; material, $171.25		241 36	
		584 28	
Less received from students for breakages		19 45	
			$564 83

50. *Pharmacy and Pharmacology.*

Maintenance ($398.79):			
F. J. Burns & Co., frogs		$3 60	
Central Electric and School Supply Co., bottles		3 50	
Fletcher Mfg. Co., trays		2 00	
J. A. Fontaine, frogs		40 95	
Prof. V. E. Henderson, disbursements:			
Laboratory supplies, $9.55; hardware, $4.66; sundries, $4.08		18 29	
Hupfeld, Ludecking & Co., shipping charges		4 34	
Ingram & Bell, chemicals		9 20	
E. Merck, chemicals		42 05	
National Drug & Chemical Co., chemicals		3 16	
Ontario Rubber Co., tubing		4 70	
C. F. Palmer, kymograph paper		5 29	
C. Potter, gas		2 50	
A. J. Reading, slides		2 70	
Toronto Dog and Cat Hospital, animals		28 50	
University Press, printing		9 60	
Vereinigte Fabriken, chemicals		47 45	
Freight charges		27 38	
Superintendent's Dept., labor, $53.88; material, $35.10; animal fodder, $54.60		143 58	
Apparatus ($242.64):			
Brown & Son		$18 33	
Max Rinck		224 31	
Alterations to rooms and laboratories ($746.26):			
Adams Furniture Co., stools		11 00	
Canada Furniture Mfrs., Ltd., stools		17 40	
Routery Bros., plastering		35 00	
Superintendent's Dept., labor, $486.96; material, $195.90		682 86	
			$1,387 69
Interim appropriation in advance for 1912-13:			
Alterations to rooms and laboratories ($169.75):			
R. Laidlaw & Co., lumber	$22 05		
Superintendent's Dept., labor, $45.97; material, $101.73	147 70		
Carried forward to 1912-13	$169 75		

51. *Medicine and Clinical Medicine.*

Medicine ($90.95):			
B. J. Fenner, slides		$15 00	
Ingram & Bell, apparatus		75 95	
Clinical Medicine ($682.35):			
Ingram & Bell, apparatus, etc.		682 35	
			$773 30

52. *Surgery.*

Dr. R. E. Gaby, petty sundries	$3 63	
J. F. Hartz Co., X-ray view box	30 40	
Ingram & Bell, microscopes, etc.	79 60	
Macey Office Equipment Co., desk and chair	26 75	
Toronto Dog and Cat Hospital, animals	5 00	
Superintendent's Dept., labor, $29.92; material, $13.20; fodder for animals, $17.13	60 25	
		$205 63

53. *Gynaecology.*

J. F. Hartz Co., Ltd., microscopes, etc.	$88 30	
		$88 30

54. *Obstetrics.*

(Nothing spent.)

55. *Ophthalmology.*

Paul Seifert, bone preparations	$107 50	
		$107 50

56. *Hygiene.*

J. F. Hartz Co., Ltd., apparatus	$117 50	
A. J. Reading, slides	6 65	
		$124 15

57. *Therapeutics.*

J. F. Hartz Co., Ltd., apparatus	$27 00	
Hupfeld, Ludecking & Co., chemicals	9 02	
F. H. Thomas Co., charts	18 10	
Freight charges	60	
		$54 72

58. *Medical Jurisprudence.*

(Nothing spent.)

59. *Medical Building.*

Gas, city current and occasional fuel ($397.84):			
Consumers' Gas Co., gas		$275 24	
Toronto Electric Light Co., electrical current		139 16	
		$414 40	
Less paid by Provincial Board of Health	$21 00		
And by Societies	1 00		
		22 00	
		$392 40	
Connell Anthracite Mining Co., fuel		5 44	
Water ($303.59):			
City Treasurer, water		$303 59	
Caretaker's Supplies ($162.67):			
Superintendent's Dept., supplies		162 67	
Cleaning ($745.65):			
Allen Mfg. Co., washing towels		54 89	
Canadian Window Cleaning Co., cleaning windows		40 00	
Pay Lists, wages of cleaners		650 76	

59. *Medical Building.*—Continued.

Repairs and Renewals ($1,328.76):		
Adams Furniture Co., chairs	35 00	
Bell Telephone Co., moving telephone	7 50	
City Treasurer, elevator license	2 00	
Common Sense Mfg. Co., exterminating rats	5 00	
Elevator Specialty Co., repairs to elevator	32 83	
R. Robertson & Sons, repairs to drain	17 57	
Routery Bros., plastering	35 00	
W. Welker, blackboard	33 00	
Superintendent's Dept., labor, $652.01; material, $508.85	1,160 86	
Caretaker, Thos. Motton, 12 mos. to 30th June	800 00	
		$3,738 51

60. *Pathological Building.*

Fuel and Light ($2,750.00):		
Toronto General Hospital, on account for heat and light supplied (subject to adjustment)	$2,750 00	
Gas and City current ($119.87):		
Consumers' Gas Co., gas	80 92	
Toronto Electric Light Co., electrical current	38 95	
Water ($5.64):		
City Treasurer, water	5 64	
Caretaker's Supplies ($86.75):		
Superintendent's Dept., supplies	86 75	
Cleaning ($341.77):		
Allen Mfg. Co., washing towels	2 21	
Pay Lists, wages of cleaners	339 56	
Sundries ($12.00):		
Elevator Specialty Co., adjusting motor	12 00	
Caretaker, Alex. Wilson, 12 mos. to 30th June ($700.00, of which $400.00 charged as laboratory attendant)	300 00	
		$3,616 03

61. *General Expenses.*

Stationery, printing, postage and office supplies ($1,296.88):		
The Bursar, postage supplied	$200 00	
Canadian Medical Association Journal, reprints	13 00	
T. Eaton Co., Ltd., office furniture	74 86	
C. Gripton, rubber stamps	3 50	
Charles Jackson, medical directory	3 42	
Macey Office Equipment Co., office furniture	37 75	
Might Directory Co., city directory	7 50	
Chas. Potter, lens	1 25	
University Press, calendar, printing and stationery	802 80	
United Typewriter Co., inspection, $27.00; supplies, $4.35	31 35	
Superintendent's Dept., labor, $44.17; material, $27.63	71 80	
Medals and engraving	49 65	
Appropriation for Dean's Office ($600.00):		
Dr. C. K. Clarke, various disbursements	600 00	
		$1,896 88
		$79,851 49

IV. Faculty of Applied Science.

62. *Salaries.*

Engineering.

J. Galbraith, Professor (also Dean of Faculty), 12 mos. to 30th June	$4,000 00	
		$4,000 00

Electrical Engineering.

T. R. Rosebrugh, Professor, 12 mos. to 30th June	$3,500 00	
H. W. Price, Associate Professor, 12 mos. to 30th June	2,100 00	
Demonstrators (Sessional):		
W. S. Guest	1,100 00	
R. H. Hopkins	1,100 00	
A. R. Zimmer	1,000 00	
H. A. Cooch	900 00	
A. N. Hunter	900 00	
T. H. Crosby	800 00	
O. F. Adams, Fellow (Sessional)	500 00	
F. Robbins, Electrician, 12 mos. to 30th June	650 00	
W. Cosgrove, Assistant Electrician, 12 mos. to 30th June	500 00	
V. W. Colmer, Laboratory Attendant, 13th July to 30th June at $350.00	337 75	
		$13,387 75

Mechanical Engineering.

R. W. Angus, Professor, 12 mos. to 30th June	$2,700 00	
Lecturers (Sessional):		
L. M. Arkley	1,500 00	
J. J. Traill	1,300 00	
J. T. Lagergren	1,300 00	
L. B. Taylor	1,200 00	
W. W. Gray, Lecturer of previous Session, 3 mos. salary, July to Sept., 1911	300 00	
Demonstrators (Sessional):		
F. S. Milligan	800 00	
A. W. Youell	800 00	
F. Hickey, Machinist, 12 mos. to 30th June	800 00	
R. Fullerton, Engineer of Experimental Plant, 12 mos. to 30th June	700 00	
C. Hishon, Laboratory fireman, 8 mos. salary	400 00	
G. S. Laing, Laboratory Attendant, 9 mos. salary	550 00	
		$12,350 00

Applied Chemistry.

W. H. Ellis, Professor, 12 mos. to 30th June	$4,000 00	
J. W. Bain, Associate Professor, Analytical Chemistry, 12 mos. to 30th June	2,600 00	
E. G. R. Ardagh, Lecturer, 12 mos. to 30th June	1,800 00	
M. C. Boswell, Lecturer, Organic Chemistry, 12 mos. to 30th June	1,800 00	
R. A. Cunningham, Assistant (Sessional)	600 00	
H. M. Lancaster, Demonstrator (Sessional—part time)	200 00	
Fellows (Sessional):		
A. V. DeLaporte	500 00	
J. M. Williams	500 00	
G. Leworthy, Lecture Assistant and Glass-blower, 12 mos. to 30th June	750 00	
Laboratory Attendants:		
D. Sinclair, 12 mos. to 30th June	900 00	
M. O'Bryan, 12 mos. to 30th June	300 00	
		$13,950 00

Electro-Chemistry.

S. Dushman, Lecturer (Sessional)	$1,500 00	
J. T. Burt-Gerrans, Demonstrator (Sessional)	800 00	
Otto O'Bryan, Laboratory Attendant, 15th Sept. to 15th May	175 00	
		$2,475 00

Surveying.

L. B. Stewart, Professor, 12 mos. to 30th June	$3,500 00	
W. M. Treadgold, Lecturer, 12 mos. to 30th June	1,900 00	
S. R. Crerar, Lecturer (Sessional)	1,300 00	
E. W. Banting, Demonstrator (Sessional)	1,100 00	
Fellows (Sessional):		
E. Cavell	500 00	
O. W. Martyn } Paid also in Drawing	250 00	
W. V. Oke } Paid also in Drawing	250 00	
		8,800 00

Mining Engineering.

H. E. T. Haultain, Professor, 12 mos. to 30th June	$3,200 00	
R. B. Stewart, Lecturer (Sessional)	1,200 00	
F. C. Dyer, Demonstrator (Sessional)	1,000 00	
A. L. Steele, Assistant (Sessional)	600 00	
Laboratory Attendants:		
E. Tozer, 12 mos. to 30th June	600 00	
C. Waybrant, 8 mos. salary	313 70	
		$6,913 70

Metallurgy.

G. A. Guess, Professor, 6 mos. from 1st January at $3,100	$1,550 00	
T. R. Loudon, Lecturer (Sessional)	1,600 00	
		$3,150 00

Architecture and Drawing.

(*a*) Architecture:		
C. H. C. Wright, Professor, 12 mos. to 30th June	$3,500 00	
A. W. McConnell, Lecturer (Sessional), $1,600; instruction to night classes in Architecture, $500	2,100 00	
J. L. Banks, Instructor in Modelling (Sessional—part time)	500 00	
C. W. Jefferys, Instructor in Freehand Drawing and Water-color (Sessional—part time), paid also in Education	500 00	
	$6,600 00	
(*b*) Drawing:		
J. R. Cockburn, Lecturer in Descriptive Geometry, 12 mos. to 30th June	2,000 00	
Demonstrators (Sessional):		
R. W. Moffatt, $1,100; instruction to night classes in Architecture, $117	1,217 00	
M. Pequegnat	1,000 00	
C. R. Redfern	900 00	
L. T. Rutledge, $800; instruction to night classes in Architecture, $60	860 00	
Fellows (Sessional):		
W. M. Brock	500 00	
J. B. K. Fisken, $500; instruction to night classes in Architecture, $105	605 00	
J. B. O. Kemp	500 00	
J. W. Melson	500 00	
J. C. Murton	500 00	
A. E. Nourse (resigned 31st December)	187 50	
W. E. Taylor (1st January to 31st May)	312 50	
W. F. B. Rubidge	500 00	
W. J. Smither	500 00	

Architecture and Drawing.—Continued.

W. S. Wickens	500 00	
W. V. Oke (paid also in Surveying)	250 00	
O. W. Martyn (1st January to 28th February, resigned), paid also in Surveying	100 00	
G. A. Macdonald, 1st March to 30th April	100 00	
Miss J. C. Laing, Assistant, 12 mos. to 30th June, $600; bonus for extra services, $50	650 00	
Attendants in Drafting Rooms (each 9 mos. salary):		
Geo. Brown	400 00	
K. Simon, $350; additional for night classes in Architecture, $50	400 00	
	$19,082 00	
Less charged to night classes in Architecture (Section 74)	832 00	
		18,250 00

Applied Mechanics.

J. McGowan, Associate Professor, 12 mos. to 30th June	2,600 00	
P. Gillespie, Associate Professor, 12 mos. to 30th June	2,100 00	
C. R. Young, Lecturer (Sessional)	1,600 00	
A. T. Laing, Lecturer (Sessional, part time), paid also as Secretary to Faculty	300 00	
R. J. Marshall, Demonstrator (Sessional)	1,000 00	
W. R. Key, Fellow (Sessional)	500 00	
W. K. Simpson, Mechanician, 12 mos. to 30th June	1,200 00	
Laboratory Attendants:		
R. W. Allen, 15th September to 31st January	175 00	
J. J. Brown, 1st February to 15th June	175 00	
		9,650 00

Physics and Photography.

G. R. Anderson, Associate Professor, 12 mos. to 30th June	$2,100 00	
W. C. Blackwood, Demonstrator (Sessional)	900 00	
A. Fraser, Fellow (Sessional)	500 00	
D. K. Armbrust, Laboratory Attendant, 12 mos. to 30th June	500 00	
H. F. Christie, Photographer, 3rd October to 30th June at $500	345 42	
		4,345 42

Special Lectures.

J. M. Langstaff, Instructor in Accountancy (Sessional)	$800 00	
P. W. Mueller, Lecturer (Sessional), $2,000, of which $1,500 charged to Arts	500 00	
		1,300 00

Secretary's Office.

A. T. Laing, Secretary to Faculty and Librarian, 12 mos. to 30th June (paid also in Applied Mechanics)	$2,000 00	
Miss A. J. Rickard, Assistant to Secretary, 12 mos. to 30th June	700 00	
Miss R. Cave, Stenographer, 12 mos. to 30th June	600 00	
Miss E. Myers, Stenographer (part time), occasional work at $35 a month	279 33	
		3,579 33
		$102,151 20

63. *Chemistry and Mining Building.*

Gas, city current and occasional fuel ($983.49):		
Consumers' Gas Co., gas	$444 64	
Toronto Electric Light Co., electrical current	216 00	
	$660 64	
Less paid by Societies, etc.	2 50	
	$658 14	

63. *Chemistry and Mining Building.*—Continued.

Connell Anthracite Mining Co., fuel	325 35	
Water ($267.78):		
City Treasurer, water	267 78	
Caretaker's Supplies ($218.16):		
Superintendent's Department, material	218 16	
Cleaning ($1,218.60):		
Allen Mfg. Co., laundry	12 17	
Canadian Window Cleaning Co., cleaning windows	36 00	
Pay Lists, wages of cleaners	1,172 93	
	$1,221 10	
Less paid by Societies	2 50	
	$1,218 60	
Repairs and Renewals ($1,551.24):		
Adams Furniture Co., chairs	10 00	
Wm. Bartlett & Sons, blinds	32 20	
City Treasurer, elevator licenses	4 00	
Common Sense Mfg. Co., exterminating rats	5 00	
Elevator Specialty Co., repairs to elevator	45 20	
Johnston Temperature Regulating Co., repairs to regulators	28 25	
A. Matthews, Ltd., eavestrough	264 48	
Superintendent's Department, labor, $796.16; material, $367.45	1,163 61	
	$1,552 74	
Less sundry credits	1 50	
	$1,551 24	
Caretaker, E. Bishop, 12 mos. to 30th June	900 00	
General workman and cleaner, W. Poole, 6 mos. to 31st Dec.	325 00	
Messengers:		
Otto O'Bryan, 8 weeks at $3.46	27 68	
Geo. Stewart, 20 weeks and 5 days at $4.00	83 33	
Patrick Bryne, 12 weeks at $5.00	60 00	
		$5,635 28

64. *Engineering Building.*

Light ($440.04):		
Consumers' Gas Co., gas	$51 38	
Toronto Electric Light Co., electrical current	389 66	
	$441 04	
Less paid by Societies, etc.	1 00	
	$440 04	
Water ($208.74):		
City Treasurer, water	208 74	
Caretaker's Supplies ($138.94):		
Superintendent's Department, material	138 94	
Cleaning ($1,134.12):		
Allen Mfg. Co., laundry	12 19	
Canadian Window Cleaning Co., cleaning windows	35 00	
Pay Lists, wages of cleaners	1,086 93	
Repairs and Renewals ($1,079.49):		
Adams Furniture Co., chairs	10 00	
Common Sense Mfg. Co., exterminating rats	5 00	
Elevator Specialty Co., repairs to elevator	2 00	
R. Robertson & Sons, repairs to drain	4 02	
Routery Bros., plastering	2 30	
Shipway Iron, Bell and Wire Mfg. Co., fire escape	175 00	
Superintendent's Dept., labor, $490.07; material, $394.90	884 97	
	$1,083 29	
Less sundry credits	3 80	
	$1,079 49	

64. *Engineering Building.*—Continued.

Caretaker, W. J. Graham, 12 mos. to 30th June	1,080 00	
Messengers, Harold Trimble, 17 weeks 3 days at $3.50	61 25	
Wm. Jeffries, 2 weeks 4 days at $3.00	8 00	
Stanley Manners, 11 weeks 3 days at $4.00	46 00	
		$4,196 58

65. *Thermodynamics Building.*

Fuel for Experimental Plant ($1,328 27):		
Connell Anthracite Mining Co., fuel	$1,328 27	
Light ($8.96):		
Consumers' Gas Co., gas	8 96	
Water ($325.36):		
City Treasurer, water	325 36	
Caretaker's Supplies ($95.68).		
Superintendent's Dept., material	95 68	
Cleaning ($105 11):		
Allen Mfg. Co., laundry	3 37	
Canadian Window Cleaning Co., cleaning windows	17 00	
Pay lists, wages of cleaners	84 74	
Repairs and Renewals (503.85):		
Adams Furniture Co., chairs	10 00	
Common Sense Mfg. Co., exterminating rats	5 00	
R. Robertson & Sons, repairs to culvert	3 79	
Superintendent's Dept., labor, $278.51; material, $209.80	488 31	
	$507 10	
Less sundry credits	3 25	
	$503 85	
		$2,367 23

66. *Geodetic Observatory Building.*

Caretaker's Supplies ($51.50):		
Superintendent's Dept., material	$51 50	
Cleaning ($88.67):		
Canadian Window Cleaning Co., cleaning windows	3 50	
Pay lists, wages of cleaners	85 17	
Repairs and Renewals ($36.01):		
Adams Furniture Co., chairs	5 00	
R. Robertson & Sons, piping	7 20	
Superintendent's Dept., labor, $11.26; material, $12.55	23 81	
		$176 18

67. *Chemistry.*

Supplies ($1,796.58):		
Prof. J. W. Bain, disbursements:		
Glass cutter, etc., $3.94; hardware, $2.70; frame, $2.00; express and cartage, $1.50; sundries, $3.06	$13 20	
Baird & Tatlock, chemicals	1,204 99	
J. T. Baker Chemical Co., chemicals	150 00	
J. Bishop & Co., repairs	25 38	
Canada Metal Co., zinc	5 00	
Chemical Laboratories, Ltd., chemicals	79 04	
Eimer & Amend, burners and supplies	150 82	
Eureka Mineral Wool & Asbestos Co., asbestos	3 64	
Fletcher Mfg. Co., repairs	10 00	

67. *Chemistry.*—Continued.

Freyseng Cork Co., corks	3 05	
Lake Simcoe Ice Co., ice	3 35	
Ontario Rubber Co., tubing	20 89	
Photography, Dept. of, prints	12 43	
Chas. Potter, oxygen	7 50	
O. B. Stanton & Wilson Co., fyles	2 40	
Toronto Salt Works, salt	1 10	
University Press, stationery, etc.	13 25	
Vokes Hardware Co., hardware	3 30	
Freight charges	25 24	
Superintendent's Dept., labor, $13.39; material, $48.61	62 00	
Apparatus ($478.78):		
Baird & Tatlock, Ltd., balances	228 50	
J. Bishop & Co. platinum	165 95	
Victor J. Boulin, centrifugal pulley	43 83	
Office Specialty Mfg. Co., desk	40 50	
Fitting up Rooms ($572.88):		
T. Eaton Co., cork carpet	4 25	
R. Robertson & Sons, building walls	71 28	
Superintendent's Dept., labor, $332.95; material, $164.40	497 35	
		$2,848 24

68. *Electro Chemistry.*

Supplies ($406.03):		
Acheson Graphite Co., tubes	11 97	
Aikenhead Hardware Co., Ltd., hardware	21 77	
J. T. Baker Chemical Co., chemicals	122 46	
Beardmore Belting Co., belting	5 00	
Canada National Carbon Co., crucibles	27 61	
Canadian H. W. Johns-Manville Co., fuses	4 67	
Canadian Kodak Co., supplies	3 20	
Central Electric & S. S. Co., wire, etc.	25 21	
Chemical Laboratories, chemicals	44 17	
Driver-Harris Wire Co., wire	5 62	
S. Dushman, disbursements:		
Laboratory supplies, $6.93; sundries, $4.49	11 42	
Eimer & Amend, wire	7 31	
Goddard Bros., work on furnaces	15 00	
Lyman Bros. & Co., chemicals	2 45	
Lymans, Ltd., tubes	11 09	
National Drug & Chemical Co., chemicals	5 74	
Northern Aluminium Co., cryolite	6 06	
Ontario Lime Association, lime	2 80	
Ontario Rubber Co., tubing	28 23	
Sanderson, Pearcy & Co., oils	2 20	
University Press, stationery and printing	15 10	
Freight charges	16 40	
Petty items (4)	5 25	
Superintendent's Dept., material	5 30	
Apparatus ($480.30):		
Canadian General Electric Co., coils	9 60	
Canadian Westinghouse Co., ammeter	9 64	
Central Electric and S. S. Co., switches	8 57	
Chapman & Walker, jars	16 00	
Ehrhardt & Metzger, apparatus	147 82	
Fletcher Mfg. Co., pots	4 00	
Hartmann & Braun, apparatus	44 77	
John W. Oram, canopy	9 75	
Photography, Dept. of, slides	6 80	
Siemens Bros. Dynamo Works, apparatus parts	63 80	
Weston Electrical Instrument Co., repairs to apparatus	70 48	
Freight charges	17 23	
Superintendent's Dept., labor, $49.39; material, $22.45	71 84	
		$886 33

69. *Electrical Engineering.*

Supplies ($1,798.56):	
Aikenhead Hardware Ltd., hardware	$75 46
Belden Mfg. Co., wire	146 69
Canadian General Electric Co., electrical supplies	278 71
Canadian Kodak Co., photographic supplies	8 00
Central Electric & S. S. Co., electrical supplies	9 60
Chemical Laboratories, Ltd., chemicals	23 51
Crown Art Stained Glass Co., glass	1 00
Cutter Electric & Mfg. Co., supplies	49 59
Driver-Harris Wire Co., wire	20 96
Electrical Journal, books	14 10
Electric Storage Battery Co., jars, etc.	17 95
Ferranti Ltd., gears	3 00
Grand & Toy, Ltd., stationery	5 75
J. A. Goddard, cartage	4 00
T. H. Hancock, lumber	52 53
Geo. M. Hendry Co., supplies	11 65
Ideal Plating Co., plating	5 86
Albert Kleiser & Co., tools	5 15
Leeds & Northrup Co., supplies	9 65
Rice Lewis & Sons, hardware	8 01
Lyman Bros. & Co., chemicals	11 68
Macbeth-Evans Glass Co., glass	8 97
H. Mander & Co., enamelling	5 25
Jos. Morrison Brass Mfg. Co., supplies	66 85
Nernst Lamp Co., repairs to lamps	2 25
Northern Electric Mfg. Co., electrical supplies	41 13
Photography, Dept. of, prints	38 45
Purdy, Mansell, Ltd., piping	9 00
T. G. Rice Wire Mfg. Co., screws	20 00
Prof. T. R. Rosebrugh, disbursements: Hardware, $51.14; supplies, $28.30; car fares, $10.00; gasoline, paint, etc., $9.58; express and cartage, $9.35; stencil cutting, $4.00; telegrams, $2.68; sundries, $9.95	125 00
Robert Simpson Co., cloth	33 72
W. T. Standish, shears	39 60
Students' Book Dept., books	7 00
Trumbull Electric Mfg. Co., supplies	104 23
University Press, stationery and printing	303 55
Weston Electrical Instrument Co., ammeter	16 75
Freight charges	67 07
Superintendent's Dept., labor, $111.65; material, $52.79	164 44
	$1,816 11
Less received from students for damages	17 55
	$1,798 56

Apparatus ($999.19):	
Mervin Armstrong, indicator	$15 00
Canadian Westinghouse Co., motor	148 00
Diehl Mfg. Co., motor	35 15
Esterline Co., iron barrels	15 75
Richard Müller-uri, apparatus	226 01
Schuchardt & Schutte, apparatus	25 60
Dr. Siebert & Kühn, thermometers	64 45
Siemens Bros. Dynamo Works, indicators	12 20
Vandeleur & Nichols, apparatus	125 00
Ward Leonard Electric Co., rheostat	12 07
Weston Electrical Instrument Co., repairs to meters	127 95
Otto Wolff, resistances	49 77
Freight charges	34 82
Superintendent's Dept., labor, $74.00; material, $33.42	107 42
Motor Generator ($1,599.29):	
Canadian General Electric Co., apparatus and cable	545 35
Canadian Molony Electric Co., transformer	15 00

69. *Electrical Engineering.*—Continued.

Canadian Westinghouse Co., rheostat	19 00	
Cutter Electric & Mfg. Co., motor	178 06	
Electric Controller & Mfg. Co., motor	37 65	
J. A. Goddard, cartage	30 00	
Kilmer, Pullen & Burnham, Ltd., generator	1,500 00	
Jas. Morrison Brass Mfg. Co., fittings	15 00	
R. Robertson & Sons, concrete piers	29 93	
Trumbull Electric Mfg. Co., slate slabs	97 10	
Weston Electrical Instrument Co., meters	123 73	
Freight charges	8 47	
	$2,599 29	
Less charged to Central Heat, Light and Power plant Construction Account *re* switchboard panel provided	1,000 00	
	$1,599 29	
		$4,397 04

70. *Mining Engineering.*

Supplies ($1,460.02):		
Aikenhead Hardware Ltd., hardware	$212 35	
Baird & Tatlock, Ltd., bottles and supplies	293 26	
Boeckh Bros. & Co., brushes	13 37	
Canada Metal Co., lead	3 03	
Canadian General Electric Co., lamps	4 76	
Chemical Laboratories, Ltd., chemicals	28 61	
Collett's Carriage Works, iron frames	9 00	
Connell Anthracite Mining Co., wood	4 00	
Denver Fire Clay Co., crucibles	29 58	
Dome Mines, Ltd., ore	10 00	
T. Eaton Co., laboratory supplies	70 44	
Eimer & Amend, chemicals	58 19	
Eureka Mineral Wool & Asbestos Co., asbestos	11 49	
Fletcher, Russell & Co., burners, etc.	91 74	
W. T. Folliott, repairs to wheels	4 35	
Gowans, Kent & Co., Ltd., jars	3 52	
Grand & Toy, Ltd., stationery	42 95	
B. Greening Wire Co., wire mesh	33 39	
Prof. H. E. T. Haultain, disbursements: Laboratory supplies, $11.82; gasoline, $4.85; express and cartage, $4.55, sundries, $2.32	23 54	
J. George Leynor Engine Works, steel	17 45	
Morgan Crucible Co., crucibles	53 08	
Office Specialty Mfg. Co., transfer cases	31 40	
Ontario Rubber Co., tubing	55 67	
Reid & Brown, grate bars	6 30	
Elias Rogers Coal Co., coal	27 00	
Rogers Supply Co., cement	14 08	
Scientific Materials Co., platinum wire	13 40	
Scythes & Co., duck bags	21 20	
Superior Mfg. Co., stamp	3 05	
Toronto Electric Light Co., repairs to ammeter	3 23	
United Typewriter Co., repairs to machine	6 50	
University Press, cards	8 75	
Vinegar Hill Zinc Co., lead	14 60	
Wheeler & Bain, pots	26 75	
John Whitfield Co., tongs and poker	28 30	
J. E. Wilkinson Co., silver	3 72	
Freight charges	129 26	
Petty items (6)	9 55	
Superintendent's Dept., labor, $19.91; material, $19.25	39 16	
Apparatus ($2,442.15):		
Wm. Ainsworth & Son, apparatus parts	5 76	
Akers, Mason & Bonnington, mercury	54 75	

70. *Mining Engineering.*—Continued.

Art Metropole, Ltd., instruments	16 55	
Baird & Tatlock, Ltd., apparatus	116 79	
British Aluminium Co., aluminium	14 63	
George M. Bryan, apparatus	63 45	
Canadian Explosives, Ltd., battery	32 00	
Canadian Westinghouse Co., motor	43 20	
Canadian Furniture Mfrs., chairs	9 60	
George Cairns, lumber	99 41	
Cairns & Firth, apparatus	691 27	
Collett's Carriage Works, iron parts	19 00	
Denver Fire Clay Co., furnaces and equipment	154 05	
Dodge Mfg. Co., apparatus parts	125 47	
Electrical Wiring Fixture & Supply Co., apparatus	95 00	
R. Gardner & Sons, belting	10 50	
B. Greening Wire Co., wire parts for apparatus	30 00	
Jeffrey Mfg. Co., buckets	56 01	
A. Matthews, Ltd., utensils	11 40	
Geo. B. Meadows, brass cloth	12 92	
G. Mills, work on apparatus, 101½ hours at 30c.	30 45	
Office Specialty Mfg. Co., cabinet	45 00	
R. Robertson & Sons, building furnace	71 10	
S. Robertson, work on apparatus	4 00	
Scientific Materials Co., gear	4 53	
Standard Meter Co., meter	18 50	
A. R. Williams Machinery Co., shafting	32 00	
A. H. Winter-Joyner, Ltd., apparatus	48 92	
Freight charges	48 46	
Petty items (2)	2 35	
Superintendent's Dept., labor, $239.89; material, $235.19	475 08	
		$3,902 17

71. *Mechanical Engineering.*

Supplies ($595.42):		
Aikenhead Hardware Ltd., hardware	$191 94	
Prof. R. W. Angus, disbursements:		
Gasoline and oil, $5.28; paper, $3.60; belting and tubing, $3.33; advertising, $1.75; sundries, $7.94	21 90	
Babcock & Wilcox, Ltd., gauge glasses	4 20	
Beardmore Belting Co., repairs to belt	8 00	
Chemical Laboratories, Ltd., chemicals	8 30	
Eimer & Amend, thermometers	37 61	
Garlock Packing Co., asbestos	29 29	
Kent Co., Ltd., gas	5 78	
Locke Regulator Co., regulators	40 49	
Lyman Bros. & Co., mercury	7 60	
Jas Morrison Brass Mfg. Co., fittings	5 53	
Photography, Dept. of, prints	7 97	
L. B. Taylor, press and books	20 75	
University Press, stationery, etc.	30 30	
Petty items (4)	5 78	
Superintendent's Dept., labor, $37.50; material, $132.48	169 98	
Apparatus ($1,201.89):		
Canadian Böving Co., tachometer	32 00	
Canadian Fire Engine Co., apparatus	77 00	
Canadian Westinghouse Co., motor	70 00	
Canada Foundry Co., fire bricks	12 00	
Dodge Mfg. Co., pulleys	46 18	
Geo. H. Hees, Sons & Co., screens	18 56	
John Inglis Co., apparatus parts	15 65	
E. Leonard & Son, belt-wheel	70 00	
Library Bureau of Canada, cabinet and bookcase	74 00	
Martin Pump & Machine Co., pump	270 00	
R. Robertson & Sons, brickwork	18 57	
Schaffer & Budenberg Mfg. Co., indicator	54 90	

71. *Mechanical Engineering.*—Continued.

Students' Book Dept., text-books	25 09	
United Typewriter Co., neostyle	28 00	
University of Toronto Engineering Society, drawing instruments	30 49	
John Whitfield Co., apparatus parts	24 25	
Freight charges	9 04	
Superintendent's Dept., labor, $232.20; material, $93.96	326 16	
		$1,797 31

72. *Applied Mechanics.*

Supplies ($503.21):		
Aikenhead Hardware Ltd., hardware	$165 48	
Baines & Peckover, iron and steel	53 37	
Boake Mfg. Co., lumber	49 35	
Britnell & Co., cement	20 65	
Canada Steel Foundries, Ltd., springs	6 30	
Eimer & Amend, cylinders	13 95	
R. Laidlaw & Co., lumber	3 30	
Lyman Bros. & Co., chemicals	2 06	
Prof. J. McGowan, petty disbursements	8 32	
Photography, Dept. of., prints, etc.	17 60	
Purdy, Mansell, Ltd., pipe	2 60	
Tinius Olsen & Co., sieves and mesh cloth	40 00	
Treloar, Blashford & Co., castings	5 46	
University Press, stationery, etc.	43 20	
John Whitfield & Co., castings	4 25	
Petty items (3)	4 85	
Freight charges	12 97	
Superintendent's Dept., labor, $23.63; material, $25.87	49 50	
Apparatus ($930 61):		
Aikenhead Hardware, Ltd., tools	$25 15	
B. C. Ames Co., gauge	10 24	
H. C. Berry, gauge	75 00	
Canadian Show Case Co., instrument case	19 00	
Dean Bros., apparatus parts	34 04	
Dodge Mfg. Co., pulleys	4 14	
Eimer & Amend, apparatus	27 00	
Fletcher Mfg. Co., utensils	8 80	
Hamilton Gear & Machine Co., gears	24 75	
E. Hautecoeur, prints of bridges	5 84	
Geo. M. Hendry Co., stands	26 40	
Humbolt Mfg. Co., apparatus	70 40	
International Instrument Co., apparatus	90 75	
P. S. King & Son, publications	4 50	
Macey Office Equipment Co., furniture	53 00	
Merritt & Co., tank	52 15	
Nalder Bros. & Co., apparatus	14 95	
H. W. Petrie Co., trucks	11 75	
Photography, Dept. of, slides	8 05	
Polson Iron Works, iron plates for apparatus	32 51	
Reid & Brown, apparatus parts	37 60	
T. G. Rice Wire Co., steel mesh	10 00	
R. Robertson & Sons, concrete base	4 75	
Students' Book Dept., text-books	39 75	
University of Toronto Engineering Society, rule	14 75	
Petty items (6)	8 97	
Superintendent's Dept., labor, $128.35; material, $88.02	216 37	
		$1,433 82

73. *Surveying.*

Supplies ($328.00):		
Consolidated Optical Co., repairs	$194 89	
Charles & Edwin Layton, repairs	21 19	
Freight charges	2 80	
Superintendent's Dept., labor, $65.37; material, $43.75	109 12	

73. *Surveying.*—Continued.

Apparatus ($683.64):		
Robt. N. Ahern, calculator ($390.00, of which $190.00 charged to Physical Chemistry)	200 00	
J. Carpentier, apparatus	233 97	
Consolidated Optical Co., level	75 00	
T. Cooke & Sons, Ltd., apparatus	21 27	
Keuffel & Esser Co., apparatus	153 40	
		$1,011 64

74. *Architecture and Drawing.*

Architecture:		
Supplies ($488.93):		
Art Metropole, Ltd., paper	$15 08	
T. Eaton Co., stools	25 50	
Office Specialty Mfg. Co., guides	4 40	
A. Petersen Estate, frames	60 00	
Photography, Dept. of, blue prints	18 02	
J. G. Ramsey & Co., paper	3 60	
R. Robertson & Sons, cutting doorway	8 17	
Students' Book Dept., books	39 65	
F. G. Terry Co., plaster of paris	3 40	
University Press, stationery, etc.	70 65	
University of Toronto Engineering Society, electros	38 28	
Prof. C. H. C. Wright, for purchase of supplies abroad by A. W. McConnell	65 00	
Freight charges	70	
Superintendent's Dept., labor, $77.63; material, $58.85.	136 48	
Apparatus ($331.43):		
John L. Gilbert, modelling tablets	36 00	
Geo. M. Hendry Co., mounting prints	50 48	
Photography, Dept. of, slides' etc.	63 15	
University of Toronto Engineering Society, modelling clay	180 30	
Superintendent's Dept., labor, 50c.; material, $1.00	1 50	
Night Classes ($870.55):		
Remuneration to Instructors, detailed under Salaries	832 00	
Geo. M. Hendry Co., mounting plates	38 55	
	$1,690 91	
Drawing:		
Supplies ($316.60):		
Art Metropole, Ltd., paper	$83 24	
Students' Book Dept., books	4 36	
C. Tarling & Co., maps	14 70	
F. G. Terry Co., plaster of paris	3 40	
University Press, stationery, etc.	84 65	
University of Toronto Engineering Society, supplies	92 65	
Freight charges	1 70	
Petty items (4)	5 40	
Superintendent's Dept., labor, $18.01; material, $8.49	26 50	
Apparatus ($95.33):		
Spaulding Print & Paper Co., apparatus	17 43	
University of Toronto Engineering Society, levelling-rod	11 90	
Prof. C. H. C. Wright, for purchases abroad by A. W. McConnell	35 00	
Superintendent's Dept., labor, $17.82; material, $13.18.	31 00	
Printing instruction sheets ($50.55):		
University Press	50 55	
		$2,153 39

75. *Physics and Photography.*

Physics:		
Supplies ($398.50):		
Aikenhead Hardware Ltd., hardware	$1 50	
Central Electric & S. S. Co., cells	3 80	
Dean Bros., tubing	39 00	
Philip Harris & Co., lenses	71 88	
Max Kohl, supplies	123 47	
Lake Simcoe Ice Co., ice	2 75	
Lyman Bros. & Co., chemicals	10 10	
R. E. Walker & Co., cloth	13 20	
Alex. Wright & Co., gauges	99 49	
Freight charges	5 63	
Superintendent's Dept., labor, $21.15; material, $6.53	27 68	
Apparatus ($577.09):		
Carl Zeiss	577 09	
	$975 59	
Photography:		
Supplies ($424.91):		
Prof. G. R. Anderson, petty disbursements	$4 42	
Ansco Co., supplies	88 69	
Art Metropole, Ltd., supplies	12 03	
Canada Paper Co., paper	3 15	
Canadian General Electric Co., fan motor	11 74	
Central Electric & S. S. Co., lamps	7 80	
Dean Bros., castings	2 13	
Eugene Dietzgen Co., photo supplies	22 35	
T. Eaton Co., screen	3 25	
Lumiere N. A. C., supplies	52 30	
Lyman Bros. & Co., carbons	24 35	
Marion & Co., carbons	10 73	
J. G. Ramsey & Co., supplies	7 45	
Sanger, Shepherd & Co., Ltd., chemicals	224 59	
Societe Anonyme Utocolor, supplies	9 50	
Topley Co., photo supplies	45 00	
H. C. Tugwell & Co., paper and supplies	135 09	
United Photographic Stores, supplies	87 41	
University Press, stationery, etc.	6 40	
University of Toronto Engineering Society, paper, etc.	5 65	
R. E. Walker & Co., cloth	6 00	
Freight charges	69 76	
Superintendent's Dept., labor, $52.53; material, $41.75	94 28	
	$934 07	
Less credits for work done for various departments	509 16	
	$424 91	
Apparatus ($332.71):		
Robt. Ballantyne, camera	$42 56	
T. Eaton Co., cameras	47 50	
C. P. Goerz, apparatus	53 12	
Marion & Co., Ltd., camera and equipment	149 72	
Robt. Simpson Co., Ltd., pedestal	5 25	
United Photographic Stores, frames and trays	20 16	
Freight charges	14 40	
		$1,733 21

76. *Metallurgy.*

Supplies ($14.71):		
Grip Limited, zinc cut	$3 75	
Montgomery & Co., emery paper	2 75	
Photography, Dept. of, prints	2 60	
Freight charges	60	
Superintendent's Dept., labor	5 01	

76. *Metallurgy.*—Continued.

Apparatus ($212.03):		
Diehl Mfg. Co.	14 50	
Ph. Pellin	41 93	
Siemens Bros., Dynamo Works	135 45	
Weston Electrical Instrument Co.	20 00	
Freight charges	15	
		$226 74

77. *General Expenses.*

Stationery, printing and office supplies ($1,120.68):		
T. Eaton Co., Ltd., supplies	$1 35	
A. T. Laing, petty disbursements	10 60	
Might Directories, city directory	15 00	
Monarch Typewriter Co., inspection and repairs	18 75	
Munson Supply Co., pneumatic keys	4 00	
Phillips Mfg. Co., mirror	3 50	
Students' Book Dept., books	1 20	
United Typewriter Co., inspection	9 00	
University Press, printing calendar, stationery, etc.	858 15	
Postage	185 00	
Superintendent's Dept., labor, $13.38; material, 75c.	14 13	
Grant to Engineering Society ($150.00):		
University of Toronto Engineering Society	150 00	
		$1,270 68
		$136,187 04

V. Faculty of Household Science.

78. *Salaries.*

Miss A. L. Laird, Associate Professor, Household Science, 12 mos. to 30th June	$2,200 00	
Miss C. C. Benson, Associate Professor, Physiological Chemistry (also Secretary to Faculty), 12 mos. to 30th June	2,200 00	
Miss E. M. Eadie, Lecturer, Household Economics (Sessional)	1,000 00	
Instructors in Household Science (Sessional):		
Miss N. L. Pattinson	800 00	
Miss H. A. Paul	700 00	
Miss O. G. Patterson, Instructor in Physiological Chemistry (Sessional)	700 00	
Laboratory Assistants (Sessional):		
Miss L. L. Ockley	400 00	
Miss J. McFarlane (paid also in Botany)	150 00	
		$8,150 00

79. *Household Science Building and Department.*

(*a*) Maintenance of Building:		
Gas, city current and occasional fuel ($191.95):		
Consumers' Gas Co., gas	$33 88	
Toronto Electric Light Co., electrical current	151 50	
Connell Anthracite Mining Co., fuel	6 57	
Caretaker's Supplies ($18.80):		
Superintendent's Dept., supplies	18 80	
Caretaker, F. Hanmer, 12 mos. to 30th June	1,185 00	
		$1,395 75
(*b*) Maintenance of Department:		
Laboratory Supplies, Provisions, etc. ($696.25):		
Wm. Davies Co., Ltd., provisions	$74 29	
Harris Abattoir Co., eggs	17 75	
John Hillock & Co., lumber	21 25	

79. *Household Science Building and Department.*—Continued.

Lever Bros., Ltd., soap	20 75	
Alex. Provan, provisions	399 52	
F. Simpson & Sons, groceries	13 40	
Toronto Silver Plate Co., metal pieces	9 00	
Miss A. L. Laird, cash purchases	140 29	
House Service and Wages ($642.75):		
Pay Lists, wages of servants	642 75	
Stationery and Printing ($179.50):		
The Bursar, postage supplied	54 00	
University Press, calendar, stationery, etc.	125 50	
Laboratory Attendance—Food Chemistry ($36.15):		
Miss C. C. Benson, disbursed for service	36 15	
		$1,554 65
		$11,100 40

VI. Faculty of Education.

80. *Salaries.*

W. Pakenham, Professor (also Dean of Faculty), 12 mos. to 30th June	$3,600 00	
H. T. J. Coleman, Associate Professor, 12 mos. to 30th June	2,900 00	
H. J. Crawford, Associate Professor and Head Master of University Schools, 12 mos. to 30th June	3,000 00	
Chief Instructors in University Schools and Lecturers in Methods in Faculty of Education:		
G. A. Cornish, Science, 12 mos. to 30th June	2,100 00	
J. T. Crawford, Mathematics, 12 mos. to 30th June	2,000 00	
W. C. Ferguson, French and German, 12 mos. to 30th June	1,900 00	
W. E. Macpherson, History, 12 mos. to 30th June	1,900 00	
O. J. Stevenson, English and History, 12 mos. to 30th June	1,900 00	
G. D. Robertson, Art and Commercial Work, 1st July to 31st January at $1,700 (resigned)	991 66	
F. E. Coombs, Elementary Subjects, 12 mos. to 30th June	1,500 00	
Assistant Instructors in University Schools:		
T. M. Porter, 12 mos. to 30th June	1,800 00	
H. A. Grainger, 12 mos. to 30th June	1,800 00	
J. A. Irwin, 12 mos. to 30th June	1,700 00	
J. O. Carlisle, 12 mos. to 30th June	1,600 00	
J. G. Workman, 12 mos. to 30th June	1,600 00	
W. J. Dunlop, 12 mos. to 30th June	1,500 00	
A. N. Scarrow, also Instructor in Faculty of Education, 12 mos. to 30th June	1,400 00	
G. N. Bramfitt, also Instructor in Faculty of Education, 12 mos. to 30th June	1,300 00	
J. W. Cohoon (Sessional)	1,500 00	
H. V. Pickering (Sessional)	1,200 00	
Miss I. Sutherland, Instructor in Household Science (Sessional)	100 00	
L. E. Embree, Supervisor of Observation and Practice-teaching in High Schools (Sessional)	100 00	
W. E. Groves, Supervisor of Observation and Practice-teaching in Public Schools (Sessional)	100 00	
Supply Teachers:		
C. W. Jefferys, 65 lectures at $6, $390 (paid also in Applied Science); E. E. Cavell, 12 weeks at $10, $120; D. C. Grassick, 12 weeks at $10, $120	630 00	
Miss E. Watkins, Stenographer in Dean's Office, 12 mos. to 30th June	600 00	
		$38,721 66

81. *Education Building and Department.*

(*a*) Maintenance of Building:		
Fuel ($1,213.50):		
Connell Anthracite Mining Co.	$231 76	
I. H. Crosby	48 80	
Milnes Coal Co.	932 94	

81. *Education Building and Department.*—Continued.

Light ($925.72):			
Consumers' Gas Co., gas		6 86	
Toronto Electric Light Co., electrical current		940 36	
		$947 22	
Less paid by Societies, etc.		21 50	
		$925 72	
Water ($336.83):			
City Treasurer, water		$336 83	
Engineer's Supplies ($28.20):			
Superintendent's Department, supplies		28 20	
Caretaker's Supplies ($229.05):			
Superintendent's Department, supplies		229 05	
Cleaning ($1,216.26):			
Allen Mfg. Co., washing towels		5 66	
Pay Lists, wages of cleaners		1,223 60	
		$1,229 26	
Less paid by Societies, etc.		13 00	
		$1,216 26	
Repairs and Renewals ($733.72):			
Adams Furniture Co., chairs		$12 50	
Elevator Specialty Co., repairs to elevator		52 15	
R. Robertson & Sons, repairs to drain		27 45	
Routery Bros., plastering		4 10	
Superintendent's Dept., labor, $314.97; material, $336.65		651 62	
		$747 82	
Less sundry credits		14 10	
		$733 72	
Engineer and Caretaker, S. Hunter, 12 mos. to 30th June		$1,200 00	
Firemen:			
R. Bullock, 7¾ mos., at $50. per month	$388 00		
D. Cairncross, 5 days	12 00		
		400 00	
Night watchman, also night fireman:			
G. Hagan, 12 mos. to 30th June		750 00	
Messenger Service:			
Boys at $4.00 to $4.50 per week:			
E. W. Moore, 3 weeks to 21st July		13 86	
H. Hargrave, 3 days		2 00	
A. Scott, 40½ weeks to 30th June		175 16	
			$7,224 30
(*b*) Maintenance of Department:			
Payment to the City for use of Schools ($3,000.00):			
The Board of Education, City of Toronto		$3,000 00	
Clerical Assistance ($260.00):			
Miss Jean Ward, 52 weeks at $5		260 00	
Office Expenses, printing, postage and supplies ($860.43):			
The Bursar, postage supplied		115 00	
Brown Bros., blank books		15 00	
Canadian Office and School Furniture Co., office furniture		136 00	
H. J. Crawford, disbursements *re* securing supply teachers		20 40	
T. Eaton Co., Ltd., supplies		4 50	
Lester Storage Co., cartage		3 00	
Mackenzie & Co., framing		12 00	
Might Directory Co., city directory		7 50	
Office Specialty Mfg. Co., office furniture, etc.		32 02	
Prof. W. Pakenham, disbursements: telephone messages, $6.25; car fares and postage, $4.75; sundries, $8.96		19 96	
Students' Book Department, stationery		6 70	

81. *Education Building and Department.*—Continued.

University Press, calendar printing and stationery...	451 70	
United Typewriter Co., inspection, $14.25; supplies, $9.50	23 75	
Superintendent's Department, labor, $1.82; material, $3.08 . . .	4 90	
Advertising *re* opening of Schools, sundry newspapers	8 00	
General Supplies and Apparatus for class room use, athletics, etc. ($1,960.98):		
Aikenhead Hardware, Ltd., hardware	36 19	
Brigdens, Ltd., engraving certificates	325 00	
Chemical Laboratories, Ltd., chemicals	7 05	
T. Eaton Co., Ltd., tools, $25.92; supplies, $8.29	34 21	
A. H. Goetting, music	24 85	
Gourlay, Winter & Leeming, piano hire	21 55	
G. M. Hendry Co., Ltd., alterations to desks, etc., $211.60; class room supplies, $47.25	258 85	
Lyman Bros. & Co., chemicals	60 43	
Misch & Co., prints	10 12	
Newton & Co., slides	41 26	
Presbyterian Publications, Ltd., hymn books	9 20	
J. G. Ramsey & Co., photo supplies	19 85	
Russill Hardware Co., soldering outfit	5 40	
Stock & Bickle, medals and shields for physical training	98 60	
Students' Book Department, text books	394 31	
United Photographic Stores, photo supplies	15 64	
University Press, paper, ink and supplies	311 08	
Whaley, Royce & Co., music	6 00	
Harold A. Wilson Co., athletic appliances	50 18	
Freight charges	3 51	
Petty items (5)	9 25	
Superintendent's Department, labor, $170.38; material, $48.07	218 45	
		$6,081 41
		$52,027 37

VII. Faculty of Forestry.

82. *Salaries.*

B. E. Fernow, Professor (also Dean of the Faculty), 12 mos. to 30th June	$4,000 00	
Lecturers (Sessional):		
A. H. D. Ross	1,700 00	
C. D. Howe, $2,000, of which $1,000, charged to Botany...	1,000 00	
J. H. White, $1,500, of which $250 charged to Botany.....	1,250 00	
		$7,950 00

83. *Forestry Building and Department.*

(*a*) Maintenance of Building:		
Fuel ($349.98):		
Connell Anthracite Mining Company	$349 98	
Light ($258.74):		
Consumers' Gas Company, gas	32 34	
Toronto Electric Light Co., electrical current	234 40	
	$266 74	
Less paid by Societies, etc.	8 00	
	$258 74	
Water ($28.63):		
City Treasurer, water	$28 63	
Caretaker's Supplies ($65.82):		
Superintendent's Department, supplies	65 82	

83. *Forestry Building and Department.*—Continued.

Cleaning ($260.09):		
Allen Mfg. Co., washing towels	4 52	
Pay Lists, wages of cleaners	255 57	
Repairs and Renewals ($402.92):		
Adams Furniture Co., chairs	7 50	
R. Robertson & Sons, repairs to masonry	19 55	
Superintendent's Department, labor, $254.52; material, $121.35	375 87	
Caretaker:		
J. Clark, 6 mos. to 31st December, 1911	350 00	
W. T. Poole, 6 mos. to 30th June, 1912	325 00	
		$2,041 18
(*b*) Maintenance of Department:		
Clerical Assistance ($415.00):		
Miss E. W. Mills, 41½ weeks	$415 00	
Apparatus ($263.73):		
E. Dietzgen, sections	7 00	
Prof. B. E. Fernow, petty disbursements	2 26	
Franklin Caliper Co., caliper	6 50	
Photography, Department of, slides	26 60	
The Topley Co., jars	7 50	
J. W. Tourney, transplanting board	5 03	
Vereinigte Fabriken, jars	96 94	
Freight charges	14 05	
Superintendent's Department, labor, $74.93; material, $22.92	97 85	
Office Expenses, Printing and Postage ($154.62):		
The Bursar, postage supplied	47 50	
Library Bureau of Canada, transfer cases	7 00	
University Press, printing and stationery	91 12	
United Typewriter Co., inspection of machine	9 00	
Fittings and Contingencies ($180.66):		
Prof. B. E. Fernow, disbursements: Express and postage, etc., $13.71; films, etc., $8.50; fares, $5.50; books, $4.00; specimens, $3.65; sundries, $8.92	44 28	
J. W. Geddes, framing maps	31 75	
Might Directories, Ltd., clippings	6 10	
Taylor & Co., staining cupboards	5 75	
The Topley Co., chemicals	3 80	
W. Lloyd Wood, chemicals	9 00	
Freight charges	7 22	
Superintendent's Department, labor, $53.33; material, $19.43	72 76	
Reserve for Summer Work, Travel and Special Lectures ($326.15):		
Prof. B. E. Fernow, disbursements, travelling and other expenses of summer camps	46 50	
St. John Ambulance Association, lectures on first aid	19 30	
Dr. Hermann von Schrenk, course of lectures on Forest Pathology	260 35	
		$1,340 16
		$11,331 34

VIII. Residences and Dining Hall.

84. *Men's Residences.*

Gas, city current and occasional fuel ($316.45):	
Consumers' Gas Co., gas	$0 28
Toronto Electric Light Co., electrical current	55 00
Connell Anthracite Mining Co., fuel for 85 St. George Street	261 17
Water ($226.35):	
City Treasurer, water	226 35
Caretaker's Supplies ($389.76):	
Superintendent's Dept., supplies	389 76

84. *Men's Residences.*—Continued.

Cleaning and House Service ($3,615.67):		
Allen Mfg. Co., laundry	288 29	
Canadian Window Cleaning Co., cleaning windows	7 00	
Petty items	85	
Pay Lists, wages of cleaners	3,319 53	
Repairs and Renewals ($1,207.61):		
Canada Furniture Mfrs., Ltd., chairs	44 46	
Common Sense Mfg. Co., exterminating rats	5 00	
Petty items (4)	2 85	
Superintendent's Dept., labor, $639.37; material, $563.63	1,203 00	
	$1,255 31	
Less sundry credits	47 70	
	$1,207 61	
		$5,755 84

85. *Women's Residences.*

Fuel ($1,042.15):		
Connell Anthracite Mining Co., fuel	$1,042 15	
Light ($465.69):		
Consumers' Gas Co., gas	150 78	
Toronto Electric Light Co., electrical current	314 91	
Water ($81.77):		
City Treasurer water	81 77	
Caretaker's Supplies ($70.46):		
Superintendent's Dept., supplies	70 46	
Cleaning and House Service ($2,383.19):		
Allen Mfg. Co., laundry	188 93	
Baillie's Laundry, laundry	10 82	
New Method Laundry Co., laundry	1 22	
Canadian Window Cleaning Co., cleaning windows	8 80	
Pay Lists, wages of servants, maids, etc.	2,164 42	
Buckingham and Boyle, securing servants	9 00	
Repairs and Renewals ($720.41):		
Adams Furniture Co., chairs	5.16	
Wm. Bartlett & Sons, blinds	5 50	
Canada Glass Mantels and Tiles, Ltd., repairs to tiles	5 50	
John Catto & Son, bed linen	81 80	
Gurney Oxford Stove Co., stove	26 00	
Murray-Kay, Ltd., carpet and furnishing	123 86	
R. Robertson & Sons, repairs to masonry	24 20	
Routery Bros., plastering	54 50	
John Wanless & Co., repairs to clock	3 50	
Superintendent's Dept., labor, $215.14; material, $175.25	390 39	
Provisions and Housekeeping Expenses (5,632.40):		
Acme Dairy Co., milk	379 24	
Brown Bros., meat	1,675 88	
Mrs. M. H. Campbell, cash purchases	153 17	
Canada Bread Co.,, bread	295 48	
John Catto & Son, linen, etc.	35 03	
Club Coffee Co., coffee	71 40	
Geo. Coles, Ltd., cake, etc.	163 52	
H. Endean, flowers	11 65	
Fox Provision Co., provisions	131 45	
Gourlay, Winter & Leeming, piano hire	65 00	
Gowans, Kent & Co., Ltd., dishes	63 91	
Knickerbocker Ice Co., ice	106 60	
J. A. McLean Produce Co., butter and eggs	764 12	
Miller & Son, flowers	7 30	
Murray-Kay, Ltd., caps and bows	5 70	
Northern Aluminum Co., utensils	19 55	
Ontario Fish Co., fish	69 28	
H. R. Reynolds, milk	73 16	
Singer Sewing Machine Co., sewing machine	35 00	
Geo. Sparrow & Co., utensils	7 00	

85. *Women's Residences.*—Continued.

Swan Bros., groceries	1,027 72	
Chas. Topping, vegetables	326 40	
Toronto Silver Plate Co., cutlery	118 99	
University Press, printing	21 10	
Petty items (4)	4 75	
Superintendent, Mrs. M. H. Campbell, 12 mos. to 30th June	1,100 00	
		$11,496 07

86. *Dining Hall.*

Fuel ($209.50):		
Connell Anthracite Mining Co.	$209 50	
Light ($11.34):		
Consumers' Gas Co., gas	11 34	
Cleaning and House Service ($5,906 29):		
Allen Mfg. Co., laundry	605 17	
Pay lists, wages of waiters and other servants	5,301 12	
Food Supplies ($20,309 94):		
Belle Ewart Ice Co., ice	91 01	
Canada Bread Co., bread	1,337 92	
M. Doyle Fish Co., fish	720 48	
H. P. Eckardt & Co., groceries	1,035 77	
Farmers' Dairy Co., milk	2,824 41	
Fruitgrowers' Exchange, fruit	64 58	
Harris Abattoir Co., Ltd., meat	10,176 17	
R. B. Hayhoe & Co., groceries	39 13	
J. A. Johnson, fruit	26 25	
P. C. Larkin & Co., tea	3 00	
J. R. Magee, potatoes	26 45	
Geo. W. Manley, meat	65 48	
Maple Leaf Milling Co., flour	170 75	
Medland Bros., groceries	1,086 29	
National Land, Fruit & Packing Co., fruit	60 50	
J. W. Orr, poultry	17 50	
Rutherford, Marshall & Co., provisions	40 90	
H. Ruthven & Co., cakes, etc.	4 40	
Ryley & Sons, eggs	177 00	
Miss V. M. Ryley, cash purchases of provisions	19 25	
F. Simpson & Sons, groceries	96 18	
Jas. Sproul, vegetables	1,242 65	
Todhunter, Mitchell & Co., coffee	76 17	
Chas. Topping, vegetables	9 65	
Warren, Bros. & Co., groceries	105 50	
Geo. Weston, bread	55 30	
Wheat Nut Cereal Co., cereal	4 76	
White & Co., fish, etc.	724 18	
Petty items (4)	8 31	
Dishes, Utensils and Sundry Expenses ($2,075.76):		
British & Continental Agencies, Ltd., pot	4 00	
Canadian Fairbanks, Ltd., scales	10 25	
John Catto & Son, table linen	12 25	
College China Hall, dishes	53 76	
T. Eaton Co., Ltd., towelling, etc., $49.29; utensils, $22.52; sewing machine, $21.45	93 26	
Fletcher Mfg. Co., utensils	29 35	
Gowans, Kent Co., dishes	296 67	
Gurney Foundry Co., utensils	160 08	
Inglis & Co., napkins	367 48	
Miller Mfg. Co., coats and aprons	66 00	
Miller & Son, flowers	33 63	
Miss V. M. Ryley, disbursements: postage and express, $23.48; dry goods, $12.52; utensils, $12.43; advertising, $5.15; rent for machine, $3.75; sundries, $23.42	80 75	
Robt. Simpson Co., Ltd., towelling	35 67	
Sovereign Varnishes and Oils, Ltd., soap	31 99	
Geo. Sparrow & Co., utensils, etc.	152 02	

86. *Dining Hall.*—Continued.

Toronto Silver Plate Co., cutlery	131 70	
University Press, printing meal tickets, etc	76 00	
Vokes Hardware Co., scale beam	5 55	
W. Younger, baskets	14 00	
Freight charges	3 33	
Petty items (3)	4 98	
Superintendent's Dept., labor, $204.29; material, $208.75	413 04	
Furnishing Rooms ($375.88):		
Anchor Mfg. Co., furniture	20 25	
John Brown, blankets	17 32	
Canada Furniture Mfrs.' Co., furniture	205 01	
John Catto & Son., casings	13 40	
T. Eaton Co., curtains	3 50	
Murray-Kay, Ltd., rugs, etc.	77 92	
Standard Bedding Co., mattresses	25 60	
Freight charges	2 38	
Superintendent's Dept., material	10 50	
Superintendent, Miss V. M. Ryley, 12 mos. to 30th June	1,000 00	
		29,888 71
		$47,140 62

IX. (87) Central Light, Heat and Power Plant.

Fuel ($36,009.08):		
Connell Anthracite Mining Co.	$7,712 46	
W. H. Cox Coal Co.	3,961 27	
I. H. Crosby	309 00	
Milnes Coal Co.	23,645 67	
Britnell & Co., Ltd., teaming	324 26	
L. K. Comstock & Co., teaming	2 42	
C. P. Railway Co., storage charges	52 00	
G. T. Railway Co., storage charges	2 00	
Water ($549.26):		
City Treasurer, water	549 26	
Engineer's Supplies ($1,265.94):		
Aikenhead Hardware, Ltd., tools, etc.	8 03	
Collett's Carriage Works, scrapers	8 75	
G. M. Hendry Co., rule	75	
Scientific Boiler Compound Co., boiler compound	26 00	
Union Iron Works, dump cars	131 00	
Freight charges and duty	52 06	
Superintendent's Dept., supplies	1,039 35	
Repairs and Renewals ($1,208.85):		
City Treasurer, elevator license	2 00	
Collett's Carriage Works, blacksmithing	29 25	
John Inglis Co., repairs to generator	11 40	
Geo. B. Meadows Co., Ltd., lockers	68 40	
Purdy Mansell, Ltd., valve	2 35	
R. Robertson & Sons, masonry	15 73	
Superintendent's Dept., labor, $673.42; material, $406.80	1,080 22	
	$1,209 35	
Less sundry credits	50	
	$1,208 85	
Engineer, W. Corrigan, 12 mos. to 30th June, $1,200; bonus for extra services, $100	1,300 00	
Assistant Engineers, at $800 per annum ($1,851.67):		
C. Moseley, 9¼ mos.	616 56	
A. E. Davies, 9 mos. 2 days	603 91	
J. Pollock, 7 mos. 8½ days	485 49	
T. Stewart, 51 days	91 09	
Jas. Nichols, 25 days	54 62	
Firemen, etc. ($6,183.92):		
Superintendent's Dept., firemen, $5,383.92; removal of ashes, $800.00	6,183 92	
		$48,368 72

X. (88) Contingencies.

Estate of George Gooderham:			
Interest on mortgage assumed on purchase of School Sites for Faculty of Education:			
6 mos. at 4½% on $27,600.00	$621 00		
6 mos. at 4½% on $25,700.00	578 25		
		1,199 25	
City Treasurer, local improvement taxes for 1911 on 11 Queen's Park	$20 83		
85 St. George St.	12 47		
School Sites	34 40		
		67 70	
E. W. Morgan & Co., Assyrian tablets		734 55	
Bromsgrove Guild of Applied Arts, stone tablet for Memorial Tower at Halifax		100 00	
Expenses of attendance at Mawson Lectures on Town Planning		42 00	
Display at Canadian National Exhibition, sundry disbursements		6 75	
			$2,150 25

XI. (89) Capital Account Charges.

Accountant Supreme Court of Judicature, third annual payment on debenture issue of 1909	$25,260 00	
Toronto General Hospital, first annual payment on debenture issue of 1st January, 1911, *re* Pathological Building	6,568 00	
Toronto General Hospital, first annual payment on debenture issue of 1st January, 1911, re grant to Toronto General Hospital	15,157 00	
Repayment to Endowment on account of advance for construction of Central Power House, tunnels and equipment, 6 mos. from 1st January, 1912	7,146 57	
		$54,131 57
		$875,849 26

APPENDIX IV.

University Press.

Transactions for year ending 30th June, 1912.

Receipts during 1911-12		$30,844 94	
Work completed but not paid for, 30th June, 1912		2,169 98	
			$33,014 92

Contra.

Salaries of Manager and Bookkeeper		1,675 00	
Wages of printers, binders, etc.		16,520 84	
Paper and other supplies		11,826 40	
Part cost of alterations to building for accommodation of the Press		599 53	
		$30,621 77	
Value of supplies bought in advance and on hand, 30th June, 1912	$1,304 50		
and work in progress	571 00		
	1,875 50		
Less liabilities	687 00		
		1,188 50	
			$29,433 27
Surplus on operations, 1911-12			$3,581 65
Purchases in advance (net) as above			1,188 50
Carried to Plant Account			$2,393 15

Plant Account.

Amount of account, 30th June, 1911	8,648 97	
Additions to type and equipment during 1911-12	1,299 41	
	9,948 38	
Transferred from Operating Account	2,393 15	
Ledger balance, 30th June, 1912		$7,555 23

Details of Expenditure, Operating Account.

R. J. Hamilton, Manager, 12 mos. salary	$1,000 00	
E. A. Hughes, Bookkeeper, 9 mos. salary	675 00	
Pay lists, wages of employees	16,520 84	
		$18,195 84
Alexander & Cable Lithographing Co., engraving, etc.	22 50	
The Arbor, advertising	15 00	
Art Metropole, paper	87 59	
Barber & Ellis, Ltd., paper	545 29	
Berry & Roberts, Ltd., leather	49 18	
W. A. Blachford, ruling, etc.	229 10	
J. Brotherton, ribbon	5 60	
Brown Bros., Ltd., paper, etc.	3,951 12	
Buntin-Reid Co., paper, etc.	455 40	
Charles Bush, ink	8 00	
Business Systems, Ltd., paper, etc.	49 08	
Canada Paper Co., paper	160 63	
Canada Printing Ink Co., ink	103 87	
E. Carroll, grinding knives	14 00	
Copp Clark Co., books, paper and binding	785 15	
Dominion Paper Box Co., tubes	10 00	
Douglas & Ratcliffe, paper	20 29	

Operating Account.—Continued.

W. J. Gage & Co., paper		72 94	
Gloy Adhesives, Ltd., paste		13 00	
Grip, Ltd., cuts		190 35	
Grand & Toy, Ltd., blank books, stationery, etc.		131 74	
J. F. Hartz Co., pill boxes		6 60	
R. J. Hamilton, disbursements: express freight and duty, $165.62; postage, $63.03; cleaning, $46.45; car fares, $26.58; ribbon, $24.60; sundries, $12.47		338 75	
Geo. M. Hendry Co., mounting maps		9 35	
Hodge-Sherriff Paper Co., paper		47 52	
Hoyt Metal Co., metal		199 77	
W. S. Johnstone & Co., printing		10 25	
Lanstone Monotype Co., supplies		214 90	
Littlejohn & Vaughan, electros		27 25	
Macrae & Macrae, delivering		13 28	
Manton Bros., ink and roller		53 20	
McFarlane, Sons & Hodgson, paper		59 22	
J. Meredith Jones & Sons, Ltd., paper		62 41	
Miller & Richard, moving presses		31 79	
Monarch Typewriter Co., carbon		14 00	
John Muir & Son, leather		46 80	
National Typewriter Co., typewriter supplies		21 10	
Printers' Specialties, Ltd., ledger leaves		21 05	
Queen City Oil Co., oil		13 82	
Edward & James Richardson, leather		255 25	
St. Lawrence Paper Mills Co., paper		1,228 94	
Sinclair & Valentine Co., ink		7 70	
J. C. Skene, embossing		184 03	
S. S. Stafford Inc., ink		10 45	
Southam, Ltd., printing		62 53	
Standard Embossing Co., embossing		90 00	
Students' Book Department, stationery, etc.		131 71	
Telfer Mfg. Co., boxes		277 42	
F. S. Thomas & Co., stamping and folding		104 20	
Toronto Delivery & Cartage Co., cartage		49 60	
United Typewriter Co., paper		181 02	
University Y. M. C. A., advertising		15 00	
The Varsity, advertising		22 50	
J. A. Weir, paper		212 02	
West & Butler, binding		118 76	
Whaley Royce & Co., music plates		23 00	
J. E. Wilkinson Co., gold leaf		28 50	
Wilson Munroe Co., padding composition		197 38	
Winterbottom Book Cloth Co., bookbinders' cloth		196 91	
Freight charges, $6.80; postage, $160.00		166 80	
Petty items (20)		51 70	
Superintendent's Dept., labor	$44 92		
material	55 17		
		100 09	
			$11,826 40
			$30,022 24

Details of Expenditure, Plant Account.

Anglo-Canadian Type & Machine Co., type	$22 95	
Brown Bros., brass rolls	22 00	
Hoyt Metal Co., metal	79 06	
Lanston Monotype Machine Co., keyboard	683 10	
Collector of Customs, duty on above	130 00	
Miller & Richard, type, etc.	359 80	
Patterson & Heward, plate	1 50	
Toronto Type Foundry Co., pad	1 00	
		$1,299 41

APPENDIX V.

Superintendent's Stores and Sundry Labor Account.

Supplies on hand 30th June, 1911		$1,121 44
Purchases during year:		
Adams Furniture Co., stools	$7 40	
Aikenhead Hardware, Ltd., hardware	544 96	
Alberene Stone Co., table top, etc.	28 10	
Antiseptol Liquid Soap Co., soap	36 75	
Art Metropole, Ltd., chalk, etc.	16 35	
Wm. Bedley, gas iron	12 00	
Wm. Blaikie, castings	152 20	
Boeckh Bros. Co., Ltd., brushes	356 03	
W. R. Brock Co., cloth	124 96	
W. Calder & Son, bolts	30 00	
Cameron & Campbell, lumber	348 07	
Canada Foundry Co., supplies	21 00	
Canada Glass, Mantels & Tiles, Ltd., hardware	489 22	
Canada Hardware Co., hardware	626 67	
Canada Power Regulator Co., regulators	258 25	
Canadian H. W. Johns-Manville Co., asbestos	482 93	
Canadian Oil Co., oil	255 65	
Philip Carey Co., roofing	245 96	
John Catto & Sons, towels, etc.	85 80	
Central Electric & S. S. Co., electrical supplies	3,911 38	
Chapman & Walker, cable	494 50	
L. K. Comstock Co., cement and gravel	26 30	
Wm. Coulter & Sons, fire extinguishers	68 00	
Dean Bros., castings	18 54	
Henry Disston & Sons, Ltd., tools	27 80	
Dominion Electric Co., lamps	27 50	
Dominion Illuminating Co., lamps	119 75	
Dominion Radiator Co., steamfitters' supplies	1,382 37	
Dunlop Tire & Rubber Goods Co., supplies	33 25	
Eagle Lock Co., locks	631 57	
T. Eaton Co., supplies	55 34	
H. P. Eckardt Co., cleaning materials	279 92	
Eco Magneto Clock Co., dials	65 00	
E. B. Eddy Co., toilet paper	233 00	
J. H. Edmunds & Co., fixtures	98 35	
Electric Storage Battery Co., supplies	28 66	
P. W. Ellis & Co., dials	37 50	
Fletcher Mfg. Co., dustpans	9 00	
Freek, Clark & Co., hardware	125 46	
Garlock Packing Co., waste, etc.	371 02	
Geo. Goodman, fencing	64 80	
E. A. Green & Co., lamps	48 00	
Gurney Foundry Co., furnace parts	61 15	
T. H. Hancock, lumber	2,743 01	
Geo. M. Hendry Co., erasers and chalk	70 20	
Hydro-Electric Supply Co., lamps	246 00	
Inglis & Co., towels	257 00	
John Inglis Co., tank and fittings	355 00	
Johnson Temperature Regulating Co., valves, etc.	51 50	
H. Krantz Mfg. Co., panels	199 44	
R. Laidlaw & Co., lumber	2,806 91	
Rice Lewis & Sons, hardware	46 40	
Geo. Lugstin, fire extinguishers	8 75	
Lyman Bros. & Co., chemicals	39 88	
Masco Co., Ltd., lamps	72 26	
Master Builders Co., concrete filler	35 00	
A. Matthews, Ltd., metal work	195 61	
McColl Bros. & Co., oil and soap	370 24	
McFarlane Ladder Works, ladder	15 50	
J. McGillion, fodder	241 30	
McGregor & McIntyre, iron	15 00	
Geo. B. Meadows, wire, etc.	88 80	

Stores and Labor Account.—Continued.

G. C. Mooring, pump	216 20	
Jas. Morrison Brass Mfg. Co., plumbers' supplies	9,667 31	
G. W. Moss, fixtures	42 00	
Mott Co., Ltd., plumbers' supplies	85 25	
Murray-Kay, Ltd., mats	41 05	
National Drug & Chemical Co., chemicals	12 34	
National Typewriter Co., ribbons, etc.	24 00	
Northern Electric and Mfg. Co., wire	936 19	
Ontario Lime Association, cement, etc.	119 31	
Ontario May-Oatway Fire Alarms, extinguishers	93 00	
Ontario Rubber Co., tips	9 96	
Otis-Fensom Elevator Co., repairs	5 70	
Sanderson, Pearcy & Co., painters' supplies	2,445 09	
N. L. Piper Railway Supply Co., oil	53 60	
Polson Iron Works, iron	6 00	
Reid & Brown, shelf supports and castings	766 82	
Robb Engineering Co., rings	6 90	
P. L. Robertson Mfg. Co., screws	81 68	
Roofers' Supply Co., copper	8 81	
Sadler & Haworth, belting	13 94	
Scientific Boiler Compound Co., boiler compound	153 50	
Sheet Metal Products, galvanized iron	38 36	
Sheldons, Ltd., motor	138 30	
Robt. Simpson Co., wallpaper	183 95	
John B. Smith & Son, lumber	4,783 03	
Soclean, Ltd., cleaning material	30 00	
Sovereign Varnishes & Oils, paint and oil	33 00	
Wm. Staughton, fodder	192 43	
W. R. Tait, hardware	14 00	
Talbot & Talbot, mop cloths	108 00	
J. J. Taylor Safe Works, safe door	30 00	
Toronto Wood Turning Works, handles	24 61	
Treloar, Blashford & Co., castings	8 56	
University Press, stationery	47 24	
A. R. Williams Machinery Co., shafts, etc.	82 68	
The Superintendent, petty disbursements, gasoline, etc.	38 25	
Freight charges	270 60	
Items under $5.00 (24)	66 90	
		$41,076 82
		$42,198 26
Sundry labor, as per pay lists:		
Carpenters	$17,166 91	
Electricians	4,765 27	
Painters	5,044 70	
Plumbers	8,804 56	
Laborers, etc.	13,311 53	
		$49,092 97
		$91,291 23

Apportionment of the foregoing:

	Labor.	Material.
Administration, $8,098.20:		
Registrar's Office	.....	$14 75
Superintendent's Office	.....	3 00
Library Building	$193 30	328 51
Library Current	1 75	2 25
Museum Building	2 70	72 10
Museum Expenses	40 27	9 69
Gymnasium Building	97 61	176 17
Gymnasium: Aid to Athletics	29 67	7 45
Convocation Hall	393 35	434 44
Grounds	5,292 20	998 99
Faculty of Arts, $12,263.42:		
Main Building	2,174 33	1,405 10
Biological Building	331 14	506 14
Biological Department	146 54	177 86

Stores and Labor Account.—Continued.

Botanical Department	115 37	75 54
Bio-Chemical Department	149 40	187 61
Bio-Chemical Department, interim appropriation	375 98	383 42
Physiological Department	186 38	118 14
Physiological Department, interim appropriation	1,589 04	1,101 77
Chemical Building	437 40	347 12
Chemical Department	51 11	117 82
Physical Chemistry Department	126 62	60 23
Physics Building	588 88	580 50
Physical Department	34 61	61 72
Astro-Physical Department	57 10	10 95
Geological Department	150 23	48 62
Mineralogical Department	105 05	44 49
Psychological Department	265 62	39 90
Mechanics Department	32 49	16 50
Political Science Department	18 35	7 75
Ancient History Department	.....	1 80
Orientals Department	.....	20 40
University Extension	9 00	5 40
Faculty of Medicine, $3,073.14:		
Anatomical Department	39 28	56 63
Pathological Department	.....	219 40
Chemical Pathology Department	70 11	171 25
Pharmacological Department	540 84	285 60
Pharmacological Department, interim appropriation	45 97	101 73
Surgical Department	29 92	30 33
Medical Building	652 01	671 52
Pathological Building	.....	86 75
General Expenses	44 17	27 63
Faculty of Applied Science, $5,695.28:		
Chemistry and Mining Building	796 16	585 61
Engineering Building	490 07	533 84
Thermodynamics Building	278 51	305 48
Observatory Building	11 26	64 05
Department of Applied Chemistry	346 34	213 01
Department of Electro-Chemistry	49 39	27 75
Department of Electrical Engineering	185 65	86 21
Department of Mining	259 80	254 44
Department of Applied Mechanics	151 98	113 89
Department of Mechanical Engineering	269 70	226 44
Department of Surveying	65 37	43 75
Department of Architecture	78 13	59 85
Department of Drawing	35 83	21 67
Department of Physics	21 15	6 53
Department of Photography	52 53	41 75
Department of Metallurgy	5 01	.....
General Expenses	13 38	0 75
Faculty of Household Science, $18.80:		
Household Science Building	.....	18 80
Faculty of Education, $1,132.22:		
Education Building	314 97	593 90
Education Department	172 20	51 15
Faculty of Forestry, $612.30:		
Forestry Building	254 52	187 17
Forestry Department	128 26	42 35
Residences and Dining Hall, $2,477.15:		
Men's Residences	$639 37	$953 39
Women's Residences	215 14	245 71
Dining Hall	204 29	219 25
Central Power House, Maintenance	6,857 34	1,446 15
University Press	44 92	55 17
Education Building, Construction	889 60	489 32
Library Building, Extension Account	702 64	248 58

Stores and Labor Account.—Continued.

Athletic Field changes	2,804 68	4,491 18	
Museum Building, Construction Account	21 91	.....	
Pathological Building, Construction Account	13,356 29	10,811 13	
Central Light, Heat and Power Plant, Construction Account	1,705 01	2,694 53	
Convocation Hall Organ Fund	90 09	119 74	
Women's Residences: Alterations and furnishing to 9 Queen's Park	1,470 23	1,346 20	
Men's Residences: Alterations and furnishing to 85 St. George Street	1,545 23	1,682 47	
Repairs to rented properties	148 23	151 32	
Cash received for material sold	.....	2,036 37	
	$49,092 97	$39,485 87	
			$88,578 84
			$2,712 39
Superintendent's inventory of stock on hand 30th June, 1912		$2,826 03	
Reserved for accounts outstanding and unpaid		113 64	
Balance, 30th June, 1912, Schedule 5a			$2,712 39

APPENDIX VI.

Details of Expenditure on New Buildings, Etc.

1. Faculty of Education Building:		
General Contracts ($175,971.88):		
Aikenhead Hardware, Ltd., hardware		$3,305 35
Canada Foundry Co., ornamental iron		4,634 50
R. C. Dancy, plastering		12,057 00
Darling & Pearson, architects' fees	$8,650 00	
Disbursements	102 99	
		8,752 99
Dominion Bridge Co., structural steel		6,955 95
Eadie-Douglas Co., terra cotta		8,077 00
Forbes Roofing Co., roofing		1,102 80
Holtby Bros. masonry	$50,300 00	
Paving yard	1,446 00	
Shower baths	912 28	
		52,658 28
W. J. McGuire Co., plumbing, heating and ventilation.		43,005 73
McDonald & Willson, fixtures		1,050 00
A. E. Phillips, painting and glazing		3,764 81
Rice, Green & Co., electric wiring		2,052 38
J. C. Scott Co., carpentering		28,555 09
Fittings and Equipment ($15,349.22):		
Aikenhead Hardware, Ltd., tools, filter, etc.		54 00
Wm. Bartlett & Sons, shades and blinds		555 80
Bausch & Lomb Optical Co., apparatus		1,024 88
Canada Stamp and Stencil Co., stencils		8 00
Canadian Office and School Furniture Co., laboratory and library fittings		3,215 00
P. P. Caproni & Bro., models		43 65
Canadian Westinghouse Co., motor		192 73
Chemical Laboratories, Ltd., chemicals		32 19
City Storage Co., cartage		24 15
Eugene Dietzgen Co., drawing tables		315 00
T. Eaton Co., furniture and equipment		1,154 74
Edwin Elcome, specimens		95 35
General Electric Co., pump		50 00
Philip Harris & Co., apparatus and chemicals		2,278 86
G. M. Hendry Co., desks, apparatus, etc.		1,998 20
Kny-Scheerer Co., apparatus and specimens		101 67
Library Bureau of Canada, bookcases		44 00
Lyman Bros. & Co., chemicals		5 25
Map Specialty Co., maps		102 25
Geo. B. Meadows Ltd., wire mats		21 75
Newton & Co., slides		25 34
National Drug & Chemical Co., chemicals		7 74
Office Specialty Mfg. Co., fyling sections		97 03
J. G. Ramsey & Co., photographic equipment		68 60
A. J. Reading, slides		14 75
Wilhelm Schluter, specimens		117 78
Soule Art Publishing Co., slides		14 00
Geo. Sparrow & Co., measures		7 90
Students' Book Department, text books		73 23
University Press, books, etc.		144 95
United Typewriter Co., typewriter		98 50
Valley City Seating Co., seating		1,384 25
Vereinigte Lausitzer Glaswerke, museum equipment		43 32
Harold A. Wilson Co., gymnastic appliances		20 00
W. Younger, baskets		24 00
Freight charges		190 22
Petty items (5)		19 63
Superintendent's Dept., labor, $906.44; material, $774.07		1,680 51
Manual Training Equipment ($1,635.12):		
Aikenhead Hardware, Ltd., tools		354 88
T. Eaton Co., desk chair, etc.		29 00
Grand Rapids Screw Co., work bench and tools		360 76

Expenditure on New Buildings, etc.—Continued.

R. Laidlaw & Co., lumber		104 50	
Routery Bros., plastering room		35 20	
Superintendent's Dept., labor, $461.13; material, $289.65		750 78	
Fitting up room for Armouries ($100.00):			
T. James, cupboards		40 00	
2nd Field Company, Canadian Engineers, rifle racks		60 00	
Lockers ($555.50):			
Geo. B. Meadows, Ltd., lockers		550 00	
Aikenhead Hardware, Ltd., locks		5 50	
Installing Motor Generator ($137.22):			
Superintendent's Dept., labor, $34.70; material, $102.52		137 22	
Hockey Rinks ($280.80):			
Dunlop Tire & Rubber Goods Co., hose		20 25	
Harold A. Wilson Co., goals		24 00	
Superintendent's Dept., labor, $81.20; material, $155.35		236 55	
Levelling playgrounds ($95.95):			
Superintendent's Dept., labor, $88.55; material, $7.40		95 95	
Sundries ($257.78):			
Connell Anthracite Mining Co., fuel		214 28	
Milnes Coal Co., fuel		43 50	
Cost of Building and Equipment		$194,383 47	
Cost of Site		96,048 00	
			$290,431 47
Expenditure of 1911-12:			
Site Account	$3,800 00		
Building and Equipment	4,211 28		
		$8,011 28	
Expended previous to 1911-12		258,620 19	
Final payment on Site, due 1st Septtember, 1912		23,800 00	
			$290,431 47

2. Library Building Extension:

General Contracts ($206,567.89):			
Aikenhead Hardware, Ltd., book stacks	$25,400 00		
Hardware	843 12		
		$26,243 12	
Canada Foundry Co., ornamental iron		4,162 70	
R. C. Dancy, plastering		11,808 95	
Darling & Pearson, architects' fees	$9,825 60		
Expenses	107 67		
		9,933 27	
Dominion Bridge Co., structural steel		6,672 95	
Geo. Duthie & Sons, roofing and tinsmithing		2,340 26	
Expanded Metal Co., fireproof windows		1,626 95	
W. J. McGuire, Ltd., plumbing	$4,215 34		
Heating and ventilation	14,079 04		
		18,294 38	
Otis-Fensom Co., elevators		3,300 00	
R. Robertson & Sons, masonry		95,253 44	
J. C. Scott Co., carpentry		19,191 00	
Thornton-Smith Co., painting and glazing		4,114 56	
Superintendent's Dept., electric wiring:			
Labor, $1,032.44; material, $1,161.80 (new part)		2,194 24	
Labor, $647.75; material, $784.32 (old part)		1,432 07	
Furnishings and Fittings ($9,213.60):			
Wm. Bartlett & Son, shades and blinds		231 09	
Canada Furniture Mfrs., desks, tables and chairs		3,603 60	
T. Eaton Co., Ltd., hat stand		4 00	
John Kay Co., Ltd., carpet, etc.		1,180 50	
Library Bureau of Canada, fyles, etc.		39 60	
Office Specialty Mfg. Co., truck		24 75	
G. N. Reynolds & Co., cabinet		369 00	
G. H. Robinson, furniture		12 50	
J. C. Scott Co., cases and shelving		237 80	
Robt. Simpson Co., carpet and chairs		95 35	
Freight charges		91 48	

Expenditure on New Buildings, etc.—Continued.

Superintendent's Dept., labor, $1,315.18; material, $2,008.75		3,323 93	
Removing Stacks ($145.25):			
Frazee Cartage Co., cartage		5 00	
Superintendent's Department, labor		140 25	
Alterations for University Press ($1,377.99):			
Charles Cooper, laying floor	$317 16		
Soundproof partition	105 00		
		422 16	
Forbes Roofing Co., felt		42 00	
R. Robertson & Sons, concrete work	$128 50		
Foundations for presses	83 50	212 00	
Superintendent's Dept., labor, $395.75; material, $306.08		701 83	
Sundries, temporary plumbing and heating ($105.12):			
Superintendent's Dept., labor, $70.54; material, $34.58.		105 12	
			$217,409 85
Received from sale of old stacks			937 00
			$216,472 85
Amount expended during 1911-12		$25,864 55	
Expended previous to 1911-12		190,608 30	
			$216,472 85

3. Museum Building:

On Account of General Contracts ($165,000.00):		
A. Clark & Sons, carpentry	$2,200 00	
R. C. Dancy, plastering	15,500 00	
Darling & Pearson, architects' fees	4,000 00	
Dominion Bridge Co., structural steel	41,000 00	
Doulton & Co., Ltd., terra cotta	9,450 00	
W. J. McGuire Co., plumbing and heating	16,000 00	
Geo. B. Meadows, Ltd., ornamental iron	6,000 00	
A. B. Ormsby, Ltd., roofing	3,500 00	
A. E. Phillips, painting and glazing	1,000 00	
Rice, Green & Co., electric wiring	1,350 00	
R. Robertson & Sons, masonry	62,500 00	
Steel & Radiation, Ltd., fireproof windows	2,500 00	
Fittings:		
Archæology ($13,498.26):		
Canada Foundry Co., cases	11,930 00	
Gall Lumber Co., lumber	41 54	
Frank Hillock, lumber	420 43	
McBean & Verrall, lumber	417 58	
Pilkington Bros., glass for shelves	82 60	
A. R. Williams Machinery Co., woodworking machine	606 11	
Geology and Mineralogy ($151.39):		
Prof. T. L. Walker, travelling expenses	65 20	
Prof. W. A. Parks, travelling expenses	64 28	
Superintendent's Department, labor making cases.	21 91	
Interest on advances during construction to 30th June...	2,762 92	
		$181,412 57
Expended prior to 1911-12		97,940 52
		$279,353 09

4. Pathological Building:

On Account of General Contracts ($69,100.00):	
Canada Foundry Co., ornamental iron	$4,000 00
Canada Glass, Mantels & Tiles, Ltd., marble and tile..	5,000 00
R. C. Dancy, plastering	9,500 00
Darling & Pearson, architects' fees	1,500 00
Dominion Bridge Co., structural steel	10,000 00
Eadie-Douglas Co., terra cotta	900 00
Forbes Roofing Co., roofing	1,000 00

Expenditure on New Buildings, etc.—Continued.

George Henry, carpentry	9,600 00
A. E. Phillips, painting	1,000 00
Purdy, Mansell, Ltd., plumbing and heating	9,700 00
R. Robertson & Sons, masonry	15,000 00
Turnbull Elevator Mfg. Co., elevators	1,900 00

Equipment:

(*a*) Interior Furnishing and Fittings ($26,096.32):

Alberene Stone Co., alberene stone	684 85
Wm. Bartlett & Sons, blinds	208 25
Canadian Fire Underwriters' Association, inspection	13 58
Canada Furniture Mfrs., Ltd., chairs	91 32
Canada Glass, Mantels & Tiles, Ltd., tiling	99 00
City Storage Co., cartage	1 90
Consumers' Gas Co., piping	6 50
Kent Co., Ltd., refrigerating plant	915 20
Morse-Bulger Destructor Co., animal destructor	270 00
R. Robertson & Sons, crematory for destructor	18 40
Turnbull Elevator Mfg. Co., dumbwaiter	72 00
Vereinigte Fabriken, animal house equipment	50 00
Williams & Cole, plans and specifications for fume cabinet	75 00
Freight charges	20 12
Superintendent's Department, labor and material, as follows:	

	Labor.	Material.
Laboratory plumbing, carpentry, painting, etc.	$12,293 65	$8,140 81
Animal Destructor	71 62	65 38
Animal House	83 76	.....
Refrigerating Plant	214 33	376 21
Fume Flues	219 85	380 45
Locks for Laboratory Cupboards	.....	638 39
Lecture Room Seats	133 76	380 94
Telephones and Bells	25 30	162 90
Laboratory Tables (shelf supports)	.....	382 85
	$13,042 27	$10,527 93

23,570 20

(*b*) Instruments and Apparatus for the Department of Pathology ($634.16):

J. F. Hartz Co.	634 16

(*c*) Instruments and Apparatus for the Department of Chemical Pathology ($4,373.49):

Baird & Tatlock, Ltd., apparatus	439 00
Brown & Son, still	41 25
Eimer & Amend, pumps, $35.13; burners, $26.00	61 13
International Instrument Co., centrifuge, $393.35; digesters and stills, $171.50	564 85
Inland Revenue Dept., methylated spirits	31 92
C. F. Palmer, kymograph	388 22
R. Robertson & Sons, concrete work for centrifuge	75 00
Franz Schmidt & Haensch, polarimeters, $220.71; spectroscopes, $106.80	327 51
Theo. Schuchardt, reagents	251 31
Vereinigte Fabriken, apparatus	1,455 31
Freight charges	140 77
Superintendent's Dept., labor and material as follows:	

	Labor.	Material.
Stands	$259 66	$57 55

Expenditure on New Buildings, etc.—Continued.

Centrifugal machine	17 48	31 35		
Compressor	36 88	194 30		
	$314 02	$283 20		
			$597 22	
				$100,203 97
Expended prior to 1911-12				43,172 06
				$143,376 03

5. Athletic Field Changes:

W. E. Wagner, construction of grandstand (except plumbing)	$25,985 00	
Superintendent's Dept., plumbing work, labor, $262.60; material, $431.35	693 95	
Grading, fences, etc. ($9,138.93):		
City of Toronto, for use of steam roller	68 64	
H. Marshall, work on roller	20 40	
C. R. Redfern, inspector, 5½ mos. to Oct. 1st, 1911	550 00	
Rogers Supply Co., cement	4 85	
J. Sercombe, sodding	1,241 10	
W. H. Thomson, grading	2,501 23	
W. E. Wagner, cement	13 98	
Superintendent's Dept., labor, $2,402.91; material, $2,363.71	4,766 62	
	$9,166 82	
Less sundry credits	27 89	
	$9,138 93	
		$35,817 88
Additions to Bleachers ($3,345.58):		
Britnell & Co., cement	$25 60	
Rogers Supply Co., cement	9 60	
W. H. Thomson, teaming	89 25	
Superintendent's Dept., labor, $997.21; material, $2,223.92	3,221 13	
Paid by Athletic Association	$3,345 58	
Expended during 1911-12	$19,534 46	
Expended prior to 1911-12	16,283 42	
		$35,817 88

6. Central Heat, Light and Power Plant:

On Account of General Contracts ($164,900.00):			
Babcock & Wilcox, Ltd., boilers		$8,100 00	
Chapman & Walker, engine	$5,900 00		
Electric meters	900 00		
		6,800 00	
L. K. Comstock & Co., tunnels		80,600 00	
Darling & Pearson, architects' and engineers' fees....		4,300 00	
W. J. McGuire, Ltd., piping		43,700 00	
Purdy, Mansell, Ltd., power house piping		21,400 00	
Lighting Grounds ($2,888.23):			
Dominion Illuminating Rental Co., Ltd., lamp standards		1,000 00	
Superintendent's Dept., labor, $779.66; material, $1,108.57		1,888 23	
Domestic Hot Water Supply ($1,711.93):			
Superintendent's Dept., labor, $530.27; material, $1,181.66		1,711 93	
Route across Carbrook Property ($3,000.00):			
J. H. Mayne Campbell & A. H. Campbell, executors of estate of the late A. H. Campbell		3,000 00	

Expenditure on New Buildings, etc.—Continued.

Diverting City Mains ($109.83):		
City Treasurer, moving 6-in mains	109 83	
Switchboard Panel ($1,000.00):		
Transferred to Electrical Engineering Department for expenditure in connection with motor generator set	1,000 00	
Domestic Telephone Installation ($4.38):		
Superintendent's Dept., labor, $395.08; material, $404.30; less received from sale of old material, $795.00	4 38	
Interest on advances during construction to 31st Dec., 1911	$5,448 46	
		$179,062 83
Expended prior to 1911-12		103,857 99
		$282,920 82

7. Men's Residences, 85 St. George Street:

Alterations ($3,521.18):		
City Storage Co., cartage	$3 00	
City Treasurer, installing water service	23 50	
R. Robertson & Sons, repairs to masonry	91 38	
Routery Bros., lathing and plastering	175 60	
Superintendent's Dept., labor, $1,545.23; material, $1,682.47	3,227 70	
Furnishings ($3,143.27):		
Anchor Mfg. Co., furniture	82 50	
Wm. Bartlett & Sons, blinds	64 19	
John Brown, blankets	115 50	
John Catto & Son, linen, bedding, etc.	179 20	
Canada Furniture Mfrs., Ltd., furniture	1,156 65	
T. Eaton Co., curtains, rods, etc.	47 46	
F. J. Moore, tables, bookcases, etc.	232 00	
Murray-Kay, Ltd., carpets, etc.	987 25	
Nerlich & Co., toilet sets	44 00	
Patterson & Heward, brass sign	12 00	
Phillips Mfg. Co., mirors	3 10	
Robert Simpson Co., tables and chairs	106 00	
Standard Bedding Co., mattresses	78 00	
W. Younger, baskets	8 00	
Freight charges	27 42	
		$6,664 45

8. Women's Residences, 9 Queen's Park:

Alterations ($3,244.45):		
City Storage Co., cartage	$1 15	
City Treasurer, installing water service	23 60	
R. Robertson & Sons, repairs to masonry	163 47	
Routery Bros., plastering	249 90	
Superintendent's Dept., labor, $1,470.23; material, $1,346.20	2,816 43	
	$3,254 55	
Less received from sale of old material	10 10	
	$3,244 45	
Furnishings ($2,493.37):		
Anchor Mfg. Co., furniture	$103 00	
Wm. Bartlett & Sons, blinds	36 50	
John Brown, blankets	144 37	
Canada Furniture Mfrs., Ltd., furniture	1,352 59	
John Catto & Son, linen, bedding, etc.	96 27	
T. Eaton Co., Ltd., curtain poles	3 65	
F. J. Moore, table	18 00	
Murray-Kay, Ltd., carpet, etc.	519 32	
Nerlich & Co., toilet sets	38 50	

Expenditure on New Buildings, etc.—Continued.

Standard Bedding Co., mattresses		130 60	
W. Younger, baskets		12 50	
Freight charges		34 32	
Superintendent's Dept., labor		3 75	
			$5,737 82
9. Convocation Hall Organ ($19,603.11):			
Casavant Freres, contract	$19,000 00		
Extras	380 00		
		$19,380 00	
Superintendent's Dept., alterations to platform, wiring, etc., labor, $90.09; material, $119.74		209 83	
American Tent and Awning Co., cover for console		7 00	
Murray-Kay, Ltd., curtain		6 28	
			$19,603 11